

APACHE CORPORATION

Estimated  
Future Reserves  
Attributable to Certain  
Leasehold and Royalty Interests  
and  
Derived Through Certain Production Sharing Contracts

SEC Parameters

As of  
December 31, 2020



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RYDER SCOTT COMPANY PETROLEUM CONSULTANTS



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January 25, 2021

Apache Corporation  
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Ladies and Gentlemen:

At the request of Apache Corporation (Apache), Ryder Scott Company, L.P. (Ryder Scott) has conducted a reserves audit of the estimates of the proved reserves as of December 31, 2020 prepared by Apache's engineering and geological staff based on the definitions and disclosure guidelines of the United States Securities and Exchange Commission (SEC) contained in Title 17, Code of Federal Regulations, Modernization of Oil and Gas Reporting, Final Rule released January 14, 2009 in the Federal Register (SEC regulations). Our third party reserves audit, completed on January 17, 2021 and presented herein, was prepared for public disclosure by Apache in filings made with the SEC in accordance with the disclosure requirements set forth in the SEC regulations. The estimated reserves shown herein represent Apache's estimated net reserves attributable to the leasehold and royalty interests and derived through certain production sharing contracts in certain properties owned by Apache and the portion of those reserves reviewed by Ryder Scott, as of December 31, 2020. The properties reviewed by Ryder Scott incorporate Apache's reserves determinations and are attributable to the interests of Apache Corporation (U.S.A), Apache Egypt Companies (Egypt), and Apache North Sea Limited (United Kingdom).

The properties reviewed by Ryder Scott account for a portion of Apache's total net proved reserves as of December 31, 2020. Based on the estimates of total net proved reserves prepared by Apache, the reserves audit conducted by Ryder Scott addresses 82.8 percent of the total proved developed net liquid hydrocarbon reserves, 79.1 percent of the total proved developed net gas reserves, 72.9 percent of the total proved undeveloped net liquid hydrocarbon reserves, and 73.0 percent of the total proved undeveloped net gas reserves of Apache.

The wells or locations for which estimates of reserves were reviewed by Ryder Scott were selected by Apache. Apache informed Ryder Scott that the selected reserves for each country included at least 83.8 percent or more of the total proved discounted future net income at 10 percent attributable to the respective country's total interests of Apache (coverage) based on SEC hydrocarbon price parameters as of December 31, 2020. Total coverage of world-wide reserves is 85.3 percent of the total proved discounted future net income at 10 percent.

As prescribed by the Society of Petroleum Engineers in Paragraph 2.2(f) of the Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information (SPE auditing standards), a reserves audit is defined as "the process of reviewing certain of the pertinent facts interpreted and assumptions made that have resulted in an estimate of reserves and/or Reserves Information prepared by others and the rendering of an opinion about (1) the appropriateness of the methodologies employed; (2) the adequacy and quality of the data relied upon; (3) the depth and thoroughness of the reserves estimation process; (4) the classification of reserves appropriate to the relevant definitions used; and (5) the reasonableness of the estimated reserve quantities and/or

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Reserves Information." Reserves Information may consist of various estimates pertaining to the extent and value of petroleum properties.

Based on our review, including the data, technical processes and interpretations presented by Apache, it is our opinion that the overall procedures and methodologies utilized by Apache in preparing their estimates of the proved reserves as of December 31, 2020 comply with the current SEC regulations and that the overall proved reserves for the reviewed properties as estimated by Apache are, in the aggregate, reasonable within the established audit tolerance guidelines of 10 percent as set forth in the SPE auditing standards.

The estimated reserves presented in this report are related to hydrocarbon prices. Apache has informed us that in the preparation of their reserves and income projections, as of December 31, 2020, they used average prices during the 12-month period prior to the "as of date" of this report, determined as the unweighted arithmetic averages of the prices in effect on the first-day-of-the-month for each month within such period, unless prices were defined by contractual arrangements, as required by the SEC regulations. Actual future prices may vary considerably from the prices required by SEC regulations. The recoverable reserves volumes have a direct relationship to the hydrocarbon prices actually received; therefore, volumes of reserves actually recovered may differ significantly from the estimated quantities presented in this report. The net reserves as estimated by Apache attributable to Apache's interest and entitlement in properties that we reviewed and the reserves of properties that we did not review are summarized below:

SEC PARAMETERS  
Estimated Net Proved Reserves  
Certain Leasehold and Royalty Interests and  
Derived Through Certain Production Sharing Contracts of  
Apache Corporation (Total All Countries)  
As of December 31, 2020

	% Crude Oil & Condensate Reserves Reviewed	% Natural Gas Liquids Reserves Reviewed	% Gas Reserves Reviewed	Reviewed by Ryder Scott			Not Reviewed			Total		
				Crude Oil & Condensate MBarrels	Natural Gas Liquids MBarrels	Sales Gas MMCF	Crude Oil & Condensate MBarrels	Natural Gas Liquids MBarrels	Sales Gas MMCF	Crude Oil & Condensate MBarrels	Natural Gas Liquids MBarrels	Sales Gas MMCF
Developed	85.4	76.1	79.1	332,482	116,767	1,209,878	57,001	36,602	320,071	389,483	153,369	1,529,949
Undeveloped	69.4	82.5	73.0	30,556	12,867	71,138	13,461	2,720	26,280	44,017	15,587	97,418
Total Proved	83.7	76.7	78.7	363,038	129,634	1,281,016	70,462	39,322	346,351	433,500	168,956	1,627,367

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**SEC PARAMETERS**  
**Estimated Net Proved Reserves**  
**Certain Leasehold and Royalty Interests and**  
**Derived Through Certain Production Sharing Contracts of**  
**Apache Corporation (Summary by Country)**  
**As of December 31, 2020**

	% Crude Oil & Condensate Reserves Reviewed	% Natural Gas Liquids Reserves Reviewed	% Gas Reserves Reviewed	Reviewed by Ryder Scott			Not Reviewed			Total		
				Crude Oil & Condensate MBarrels	Natural Gas Liquids MBarrels	Sales Gas MMcf	Crude Oil & Condensate MBarrels	Natural Gas Liquids MBarrels	Sales Gas MMcf	Crude Oil & Condensate MBarrels	Natural Gas Liquids MBarrels	Sales Gas MMcf
USA												
Developed	87.3	76.1	74.4	180,641	114,594	783,323	26,295	36,006	269,433	206,936	150,600	1,052,756
Undeveloped	84.3	82.9	78.7	21,498	12,548	60,233	4,018	2,593	16,272	25,516	15,141	76,505
Total Proved	87.0	76.7	74.7	202,139	127,142	843,556	30,313	38,599	285,705	232,452	165,741	1,129,261
Egypt												
Developed	79.4	88.0	91.3	76,256	630	373,534	19,725	86	35,501	95,981	716	409,035
Undeveloped	54.5	15.9	26.1	6,124	20	3,286	5,105	106	9,286	11,229	126	12,572
Total Proved	76.8	77.2	89.4	82,380	650	376,820	24,830	192	44,787	107,210	842	421,607
United Kingdom												
Developed	87.3	75.2	77.8	75,585	1,543	53,021	10,981	510	15,137	86,566	2,053	68,158
Undeveloped	40.3	93.4	91.3	2,934	299	7,619	4,338	21	722	7,272	320	8,341
Total Proved	83.7	77.6	79.3	78,519	1,842	60,640	15,319	531	15,859	93,838	2,373	76,499

Liquid hydrocarbons are expressed in standard 42 U.S. gallon barrels and shown herein as thousand of barrels (MBarrels). All gas volumes are reported on an "as sold basis" expressed in millions of cubic feet (MMcf) at the official temperature and pressure bases of the areas in which the gas reserves are located.

#### Reserves Included in This Report

In our opinion, the proved reserves presented in this report conform to the definition as set forth in the Securities and Exchange Commission's Regulations Part 210.4-10(a). An abridged version of the SEC reserves definitions from 210.4-10(a) entitled "PETROLEUM RESERVES DEFINITIONS" is included as an attachment to this report.

The various proved reserves status categories are defined under the attachment entitled "PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES" in this report. The proved developed non-producing reserves included herein consist of the shut-in and behind pipe status categories.

Reserves are "estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations." All reserves estimates involve an assessment of the uncertainty relating the likelihood that the actual remaining quantities recovered will be greater or less than the estimated quantities determined as of the date the estimate is made. The uncertainty depends chiefly on the amount of reliable geologic and engineering data available at the time of the estimate and the interpretation of these data. The relative degree of uncertainty may be conveyed by placing reserves into one of two principal classifications, either proved or unproved. Unproved reserves are less certain to be recovered than proved reserves and may be further sub-categorized as probable and possible reserves to denote progressively increasing uncertainty in their recoverability. At Apache's request, this report addresses only the proved reserves attributable to the properties reviewed herein.

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Proved oil and gas reserves are “those quantities of oil and gas which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible from a given date forward.” The proved reserves included herein were estimated using deterministic methods. The SEC has defined reasonable certainty for proved reserves, when based on deterministic methods, as a “high degree of confidence that the quantities will be recovered.”

Proved reserves estimates will generally be revised only as additional geologic or engineering data become available or as economic conditions change. For proved reserves, the SEC states that “as changes due to increased availability of geoscience (geological, geophysical, and geochemical), engineering, and economic data are made to the estimated ultimate recovery (EUR) with time, reasonably certain EUR is much more likely to increase or remain constant than to decrease.” Moreover, estimates of proved reserves may be revised as a result of future operations, effects of regulation by governmental agencies or geopolitical or economic risks. Therefore, the proved reserves included in this report are estimates only and should not be construed as being exact quantities. They may or may not be actually recovered.

#### Audit Data, Methodology, Procedure and Assumptions

The estimation of reserves involves two distinct determinations. The first determination results in the estimation of the quantities of recoverable oil and gas and the second determination results in the estimation of the uncertainty associated with those estimated quantities in accordance with the definitions set forth by the Securities and Exchange Commission's Regulations Part 210.4-10(a). The process of estimating the quantities of recoverable oil and gas reserves relies on the use of certain generally accepted analytical procedures. These analytical procedures fall into three broad categories or methods: (1) performance-based methods; (2) volumetric-based methods; and (3) analogy. These methods may be used individually or in combination by the reserves evaluator in the process of estimating the quantities of reserves. Reserves evaluators must select the method or combination of methods which in their professional judgment is most appropriate given the nature and amount of reliable geoscience and engineering data available at the time of the estimate, the established or anticipated performance characteristics of the reservoir being evaluated and the stage of development or producing maturity of the property.

In many cases, the analysis of the available geoscience and engineering data and the subsequent interpretation of this data may indicate a range of possible outcomes in an estimate, irrespective of the method selected by the evaluator. When a range in the quantity of reserves is identified, the evaluator must determine the uncertainty associated with the incremental quantities of the reserves. If the reserves quantities are estimated using the deterministic incremental approach, the uncertainty for each discrete incremental quantity of the reserves is addressed by the reserves category assigned by the evaluator. Therefore, it is the categorization of reserves quantities as proved, probable and/or possible that addresses the inherent uncertainty in the estimated quantities reported. For proved reserves, uncertainty is defined by the SEC as reasonable certainty wherein the “quantities actually recovered are much more likely to be achieved than not.” The SEC states that “probable reserves are those additional reserves that are less certain to be recovered than proved reserves but which, together with proved reserves, are as likely as not to be recovered.” The SEC states that “possible reserves are those additional reserves that are less certain to be recovered than probable reserves and the total quantities ultimately recovered from a project have a low probability of exceeding proved plus probable plus possible reserves.” All quantities of reserves within the same reserves category must meet the SEC definitions as noted above.

Estimates of reserves quantities and their associated reserves categories may be revised in the future as additional geoscience or engineering data become available. Furthermore, estimates of

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reserves quantities and their associated reserves categories may also be revised due to other factors such as changes in economic conditions, results of future operations, effects of regulation by governmental agencies or geopolitical or economic risks as previously noted herein.

The proved reserves, prepared by Apache, for the properties that we reviewed were estimated by performance methods, the volumetric method, analogy, or a combination of methods. Approximately 90 percent of the proved producing reserves attributable to producing wells and/or reservoirs that we reviewed were estimated by performance methods or a combination of methods. These performance methods include, but may not be limited to, decline curve analysis, material balance and/or reservoir simulation which utilized extrapolations of historical production and pressure data available through November 2020, in those cases where such data were considered to be definitive. The data utilized in this analysis were furnished to Ryder Scott by Apache or obtained from public data sources and were considered sufficient for the purpose thereof. The remaining 10 percent of the proved producing reserves that we reviewed were estimated by the volumetric method, analogy, or a combination of methods. These methods were used where there were inadequate historical performance data to establish a definitive trend and where the use of production performance data as a basis for the reserves estimates was considered to be inappropriate.

Approximately 100 percent of the proved developed non-producing and undeveloped reserves that we reviewed were estimated by the volumetric method or analogy. The volumetric analysis utilized pertinent well and seismic data furnished to Ryder Scott by Apache for our review or which we have obtained from public data sources that were available through November 2020. The data utilized from the analogues in conjunction with well and seismic data incorporated into the volumetric analysis were considered sufficient for the purpose thereof.

To estimate economically recoverable proved oil and gas reserves, many factors and assumptions are considered including, but not limited to, the use of reservoir parameters derived from geological, geophysical and engineering data which cannot be measured directly, economic criteria based on current costs and SEC pricing requirements, and forecasts of future production rates. Under the SEC regulations 210.4-10(a)(22)(v) and (26), proved reserves must be anticipated to be economically producible from a given date forward based on existing economic conditions including the prices and costs at which economic producibility from a reservoir is to be determined. While it may reasonably be anticipated that the future prices received for the sale of production and the operating costs and other costs relating to such production may increase or decrease from those under existing economic conditions, such changes were, in accordance with rules adopted by the SEC, omitted from consideration in conducting this review.

As stated previously, proved reserves must be anticipated to be economically producible from a given date forward based on existing economic conditions including the prices and costs at which economic producibility from a reservoir is to be determined. To confirm that the proved reserves reviewed by us meet the SEC requirements to be economically producible, we have reviewed certain primary economic data utilized by Apache relating to hydrocarbon prices and costs as noted herein.

The hydrocarbon prices furnished by Apache for the properties reviewed by us are based on SEC price parameters using the average prices during the 12-month period prior to the "as of date" of this report, determined as the unweighted arithmetic averages of the prices in effect on the first-day-of-the-month for each month within such period, unless prices were defined by contractual arrangements. For hydrocarbon products sold under contract, the contract prices, including fixed and determinable escalations exclusive of inflation adjustments, were used until expiration of the contract. Upon contract expiration, the prices were adjusted to the 12-month unweighted arithmetic average as previously described.

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The initial SEC hydrocarbon prices in effect on December 31, 2020 for the properties reviewed by us were determined using the 12-month average first-day-of-the-month benchmark prices, provided by Apache, appropriate to the geographic area where the hydrocarbons are sold. These benchmark prices are prior to the adjustments for differentials as described herein. The table below summarizes the “benchmark prices” and “price reference” used by Apache for the geographic areas reviewed by us. In certain geographic areas, the price reference and benchmark prices may be defined by contractual arrangements. In cases where there are numerous contracts or price references within the same geographic area, the benchmark price is represented by the unweighted arithmetic average of the initial 12-month average first-day-of-the-month benchmark prices used.

The product prices which were actually used by Apache to determine the future gross revenue for each property reviewed by us reflect adjustments to the benchmark prices for gravity, quality, local conditions, and/or distance from market, referred to herein as “differentials.” The differentials used by Apache were accepted as factual data and reviewed by us for their reasonableness; however, we have not conducted an independent verification of the data used by Apache.

The table below summarizes Apache's net volume weighted benchmark prices adjusted for differentials for the properties reviewed by us and referred to herein as Apache's “average realized prices.” The average realized prices shown in the table below were determined from Apache's estimate of the total future gross revenue before production taxes for the properties reviewed by us and Apache's estimate of the total net reserves for the properties reviewed by us for the geographic area. The data shown in the following table is presented in accordance with SEC disclosure requirements for each of the geographic areas reviewed by us.

Geographic Area	Product	Price Reference	Average Benchmark Prices	Average Realized Prices
United States	Oil/Condensate	WTI Cushing	\$39.57/Bbl	\$37.58/Bbl
	NGLs	Mt. Belvieu Non-Tet Propane	\$18.74/Bbl	\$11.58/Bbl
	Gas	Henry Hub	\$1.97/MMBTU	\$1.25/Mcf
Egypt	Oil/Condensate	Brent	\$41.32/Bbl	\$40.53/Bbl
	NGLs	Brent	\$41.32/Bbl	\$27.56/Bbl
	Gas	Contracts	Contract	\$2.84/Mcf
United Kingdom	Oil/Condensate	Brent	\$41.32/Bbl	\$40.74/Bbl
	NGLs	Brent	\$41.32/Bbl	\$23.51/Bbl
	Gas	NBP	\$3.08/MMBTU	\$3.18/Mcf

The effects of derivative instruments designated as price hedges of oil and gas quantities are not reflected in Apache's individual property evaluations.

Accumulated gas production imbalances, if any, were not taken into account in the proved gas reserves estimates reviewed. The proved gas volumes presented herein do not include volumes of gas consumed in operations as reserves.

Operating costs furnished by Apache are based on the operating expense reports of Apache and include only those costs directly applicable to the leases, contract areas, or wells for the properties reviewed by us. The operating costs include a portion of general and administrative costs allocated

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directly to the leases, contract areas, and wells. For operated properties, the operating costs include an appropriate level of corporate general administrative and overhead costs. The operating costs for non-operated properties include the COPAS overhead costs that are allocated directly to the leases, contract areas, and wells under terms of operating agreements. Other costs include transportation and/or processing fees as deductions. The operating costs furnished by Apache were accepted as factual data and reviewed by us for their reasonableness; however, we have not conducted an independent verification of the data used by Apache. No deduction was made for loan repayments, interest expenses, or exploration and development prepayments that were not charged directly to the leases or wells.

Development costs furnished by Apache are based on authorizations for expenditure for the proposed work or actual costs for similar projects. The development costs furnished by Apache were accepted as factual data and reviewed by us for their reasonableness; however, we have not conducted an independent verification of the data used by Apache. The estimated net cost of abandonment after salvage was included by Apache for properties where abandonment costs net of salvage were material. Apache's estimates of the net abandonment costs were accepted without independent verification.

The proved developed non-producing and undeveloped reserves for the properties reviewed by us have been incorporated herein in accordance with Apache's plans to develop these reserves as of December 31, 2020. The implementation of Apache's development plans as presented to us is subject to the approval process adopted by Apache's management. As the result of our inquiries during the course of our review, Apache has informed us that the development activities for the properties reviewed by us have been subjected to and received the internal approvals required by Apache's management at the appropriate local, regional and/or corporate level. In addition to the internal approvals as noted, certain development activities may still be subject to specific partner AFE processes, Joint Operating Agreement (JOA) requirements or other administrative approvals external to Apache. Apache has provided written documentation supporting their commitment to proceed with the development activities as presented to us. Additionally, Apache has informed us that they are not aware of any legal, regulatory or political obstacles that would significantly alter their plans. While these plans could change from those under existing economic conditions as of December 31, 2020, such changes were, in accordance with rules adopted by the SEC, omitted from consideration in making this evaluation.

Current costs used by Apache were held constant throughout the life of the properties.

Apache's forecasts of future production rates are based on historical performance from wells currently on production. If no production decline trend has been established, future production rates were held constant, or adjusted for the effects of curtailment where appropriate, until a decline in ability to produce was anticipated. An estimated rate of decline was then applied until depletion of the reserves. If a decline trend has been established, this trend was used as the basis for estimating future production rates.

Test data and other related information were used by Apache to estimate the anticipated initial production rates for those wells or locations that are not currently producing. For reserves not yet on production, sales were estimated to commence at an anticipated date furnished by Apache. Wells or locations that are not currently producing may start producing earlier or later than anticipated in Apache's estimates due to unforeseen factors causing a change in the timing to initiate production. Such factors may include delays due to weather, the availability of rigs, the sequence of drilling, completing and/or recompleting wells and/or constraints set by regulatory bodies.

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The future production rates from wells currently on production or wells or locations that are not currently producing may be more or less than estimated because of changes including, but not limited to, reservoir performance, operating conditions related to surface facilities, compression and artificial lift, pipeline capacity and/or operating conditions, producing market demand and/or allowables or other constraints set by regulatory bodies.

The proved reserves reported herein are limited to the period prior to expiration of current contracts providing the legal right to produce or a revenue interest in such production unless evidence indicates that contract renewal is reasonably certain.

The proved reserves for the properties located in Egypt are subject to the contractual fiscal terms contained in production sharing contracts. For these properties, Ryder Scott audited the gross economic inputs used by Apache in the economic models for Egypt through a comparison of Apache and Ryder Scott's gross economic volumes. Apache's gross economic volumes were then used as input to the economic models to generate the net interests used to determine the net reserves summarized in this report. Ryder Scott reviewed the fiscal terms of such contracts and discussed with Apache the net economic benefit attributed to such operations for the determination of the net hydrocarbon volumes and income thereof. Ryder Scott has not conducted an exhaustive audit or verification of such contractual information. Neither our review of such contractual information nor our acceptance of Apache's representations regarding such contractual information should be construed as a legal opinion on this matter.

Ryder Scott did not evaluate the country and geopolitical risks in the countries where Apache operates or has interests. Apache's operations may be subject to various levels of governmental controls and regulations. These controls and regulations may include, but may not be limited to, matters relating to land tenure and leasing, the legal rights to produce hydrocarbons including the granting, extension or termination of production sharing contracts, the fiscal terms of various production sharing contracts, drilling and production practices, environmental protection, marketing and pricing policies, royalties, various taxes and levies including income tax, and foreign trade and investment and are subject to change from time to time. Such changes in governmental regulations and policies may cause volumes of proved reserves actually recovered and amounts of proved income actually received to differ significantly from the quantities as estimated by Apache.

The estimates of proved reserves presented herein were based upon a review of the properties in which Apache owns and derives an interest; however, we have not made any field examination of the properties. No consideration was given in this report to potential environmental liabilities that may exist nor were any costs included by Apache for potential liabilities to restore and clean up damages, if any, caused by past operating practices.

Certain technical personnel of Apache are responsible for the preparation of reserves estimates on new properties and for the preparation of revised estimates, when necessary, on old properties. These personnel assembled the necessary data and maintained the data and workpapers in an orderly manner. We consulted with these technical personnel and had access to their workpapers and supporting data in the course of our audit.

Apache has informed us that they have furnished us all of the material accounts, records, geological and engineering data, and reports and other data required for this investigation. In performing our audit of Apache's forecast of future proved production, we have relied upon data furnished by Apache with respect to property interests owned or derived, production and well tests from examined wells, normal direct costs of operating the wells or leases, other costs such as transportation and/or processing fees, ad valorem and production taxes, recompletion and development costs,

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development plans, abandonment costs after salvage, product prices based on the SEC regulations, adjustments or differentials to product prices, geological structural and isochore maps, well logs, core analyses, and pressure measurements. Ryder Scott reviewed such factual data for its reasonableness; however, we have not conducted an independent verification of the data furnished by Apache. We consider the factual data furnished to us by Apache to be appropriate and sufficient for the purpose of our review of Apache's estimates of reserves. In summary, we consider the assumptions, data, methods and analytical procedures used by Apache and as reviewed by us appropriate for the purpose hereof, and we have used all such methods and procedures that we consider necessary and appropriate under the circumstances to render the conclusions set forth herein.

#### Audit Opinion

Based on our review, including the data, technical processes and interpretations presented by Apache, it is our opinion that the overall procedures and methodologies utilized by Apache in preparing their estimates of the proved reserves as of December 31, 2020 comply with the current SEC regulations and that the overall proved reserves for the reviewed properties as estimated by Apache are, in the aggregate, reasonable within the established audit tolerance guidelines of 10 percent as set forth in the SPE auditing standards. Ryder Scott found the processes and controls used by Apache in their estimate of proved reserves to be effective and in the aggregate, we found no bias in the utilization and analysis of data in estimates for these properties.

We were in reasonable agreement with Apache's estimates of proved reserves for the properties which we reviewed; although in certain cases there was more than an acceptable variance between Apache's estimates and our estimates due to a difference in interpretation of data or due to our having access to data which were not available to Apache when its reserves estimates were prepared. However notwithstanding, it is our opinion that on an aggregate basis the data presented herein for the properties that we reviewed fairly reflects the estimated net reserves owned or derived by Apache.

#### Other Properties

Other properties, as used herein, are those properties of Apache which we did not review. The proved net reserves attributable to the other properties account for 17.2 percent of the total proved developed net liquid hydrocarbon reserves, 20.9 percent of the total proved developed net gas reserves, 27.1 percent of the total proved undeveloped net liquid hydrocarbon reserves, and 27.0 percent of the total proved undeveloped net gas reserves based on estimates prepared by Apache as of December 31, 2020. The other properties represent 14.7 percent of the total proved discounted future net income at 10 percent based on the unescalated pricing policy of the SEC as taken from reserves and income projections prepared by Apache as of December 31, 2020.

The same technical personnel of Apache were responsible for the preparation of the reserves estimates for the properties that we reviewed as well as for the properties not reviewed by Ryder Scott.

#### Standards of Independence and Professional Qualification

Ryder Scott is an independent petroleum engineering consulting firm that has been providing petroleum consulting services throughout the world since 1937. Ryder Scott is employee-owned and maintains offices in Houston, Texas; Denver, Colorado; and Calgary, Alberta, Canada. We have approximately eighty engineers and geoscientists on our permanent staff. By virtue of the size of our firm and the large number of clients for which we provide services, no single client or job represents a material portion of our annual revenue. We do not serve as officers or directors of any privately-owned

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or publicly-traded oil and gas company and are separate and independent from the operating and investment decision-making process of our clients. This allows us to bring the highest level of independence and objectivity to each engagement for our services.

Ryder Scott actively participates in industry-related professional societies and organizes an annual public forum focused on the subject of reserves evaluations and SEC regulations. Many of our staff have authored or co-authored technical papers on the subject of reserves related topics. We encourage our staff to maintain and enhance their professional skills by actively participating in ongoing continuing education.

Prior to becoming an officer of the Company, Ryder Scott requires that staff engineers and geoscientists have received professional accreditation in the form of a registered or certified professional engineer's license or a registered or certified professional geoscientist's license, or the equivalent thereof, from an appropriate governmental authority or a recognized self-regulating professional organization. Regulating agencies require that, in order to maintain active status, a certain amount of continuing education hours be completed annually, including an hour of ethics training. Ryder Scott fully supports this technical and ethics training with our internal requirement mentioned above.

We are independent petroleum engineers with respect to Apache. Neither we nor any of our employees have any financial interest in the subject properties, and neither the employment to do this work nor the compensation is contingent on our estimates of reserves for the properties which were reviewed.

The results of this audit, presented herein, are based on technical analysis conducted by teams of geoscientists and engineers from Ryder Scott. The professional qualifications of the undersigned, the technical person primarily responsible for overseeing the review of the reserves information discussed in this report, are included as an attachment to this letter.

#### Terms of Usage

The results of our third party audit, presented in report form herein, were prepared in accordance with the disclosure requirements set forth in the SEC regulations and intended for public disclosure as an exhibit in filings made with the SEC by Apache Corporation.

Apache makes periodic filings on Form 10-K with the SEC under the 1934 Exchange Act. Furthermore, Apache has certain registration statements filed with the SEC under the 1933 Securities Act into which any subsequently filed Form 10-K is incorporated by reference. We have consented to the incorporation by reference in the registration statements on Form S-3, Form S-4, and Form S-8 of Apache, of the references to our name, as well as to the references to our third party report for Apache, which appears in the December 31, 2020 annual report on Form 10-K of Apache. Our written consent for such use is included as a separate exhibit to the filings made with the SEC by Apache.

We have provided Apache with a digital version of the original signed copy of this report letter. In the event there are any differences between the digital version included in filings made by Apache and the original signed report letter, the original signed report letter shall control and supersede the digital version.

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The data and work papers used in the preparation of this report are available for examination by authorized parties in our offices. Please contact us if we can be of further service.

Very truly yours,

RYDER SCOTT COMPANY, L.P.  
TBPE Firm Registration No. F-1580



Ali A. Porbandarwala, P.E.  
TBPE License No. 107652  
Senior Vice President



AAP (FWZ)/pl

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

#### Professional Qualifications of Primary Technical Person

The conclusions presented in this report are the result of technical analysis conducted by teams of geoscientists and engineers from Ryder Scott Company, L.P. Mr. Ali A. Porbandarwala was the primary technical person responsible for overseeing the estimate of the reserves, future production and income prepared by Ryder Scott presented herein.

Mr. Porbandarwala, an employee of Ryder Scott Company, L.P. (Ryder Scott) since 2008, is a Senior Vice President responsible for coordinating and supervising staff and consulting engineers of the company in ongoing reservoir evaluation studies worldwide. Before joining Ryder Scott, Mr. Porbandarwala served in a number of engineering positions with ExxonMobil Corporation. For more information regarding Mr. Porbandarwala's geographic and job specific experience, please refer to the Ryder Scott Company website at [www.ryderscott.com/Company/Employees](http://www.ryderscott.com/Company/Employees).

Mr. Porbandarwala earned a Bachelor of Science degree in Chemical Engineering from The University of Kansas in 2001 and a Masters in Business Administration from The University of Texas at Austin in 2007 and is a licensed Professional Engineer in the State of Texas. He is also a member of the Society of Petroleum Engineers and a member of the Society of Petroleum Evaluation Engineers as the Chairman for the Houston Chapter. Mr. Porbandarwala also serves as the Chairman of the annual Ryder Scott Reserves Conference in Houston, completing its sixteenth year in the industry.

In addition to gaining experience and competency through prior work experience, the Texas Board of Professional Engineers requires a minimum of fifteen hours of continuing education annually, including at least one hour in the area of professional ethics, which Mr. Porbandarwala fulfills. As part of his 2020 continuing education hours, Mr. Porbandarwala attended 25 hours of formalized training including the 2020 Virtual Ryder Scott Reserves Conference and various other professional society presentations specifically relating to the definitions and disclosure guidelines contained in the United States Securities and Exchange Commission Title 17, Code of Federal Regulations, Modernization of Oil and Gas Reporting, Final Rule released January 14, 2009 in the Federal Register.

Based on his educational background, professional training and more than 12 years of practical experience in the estimation and evaluation of petroleum reserves, Mr. Porbandarwala has attained the professional qualifications as a Reserves Estimator and Reserves Auditor set forth in Article III of the "Standards Pertaining to the Estimating and Auditing of Oil and Gas Reserves Information" promulgated by the Society of Petroleum Engineers as of February 19, 2007.

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## PETROLEUM RESERVES DEFINITIONS

As Adapted From:  
RULE 4-10(a) of REGULATION S-X PART 210  
UNITED STATES SECURITIES AND EXCHANGE COMMISSION (SEC)

### PREAMBLE

On January 14, 2009, the United States Securities and Exchange Commission (SEC) published the "Modernization of Oil and Gas Reporting; Final Rule" in the Federal Register of National Archives and Records Administration (NARA). The "Modernization of Oil and Gas Reporting; Final Rule" includes revisions and additions to the definition section in Rule 4-10 of Regulation S-X, revisions and additions to the oil and gas reporting requirements in Regulation S-K, and amends and codifies Industry Guide 2 in Regulation S-K. The "Modernization of Oil and Gas Reporting; Final Rule", including all references to Regulation S-X and Regulation S-K, shall be referred to herein collectively as the "SEC regulations". The SEC regulations take effect for all filings made with the United States Securities and Exchange Commission as of December 31, 2009, or after January 1, 2010. Reference should be made to the full text under Title 17, Code of Federal Regulations, Regulation S-X Part 210, Rule 4-10(a) for the complete definitions (direct passages excerpted in part or wholly from the aforementioned SEC document are denoted in italics herein).

Reserves are estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations. All reserve estimates involve an assessment of the uncertainty relating the likelihood that the actual remaining quantities recovered will be greater or less than the estimated quantities determined as of the date the estimate is made. The uncertainty depends chiefly on the amount of reliable geologic and engineering data available at the time of the estimate and the interpretation of these data. The relative degree of uncertainty may be conveyed by placing reserves into one of two principal classifications, either proved or unproved. Unproved reserves are less certain to be recovered than proved reserves and may be further sub-classified as probable and possible reserves to denote progressively increasing uncertainty in their recoverability. Under the SEC regulations as of December 31, 2009, or after January 1, 2010, a company may optionally disclose estimated quantities of probable or possible oil and gas reserves in documents publicly filed with the SEC. The SEC regulations continue to prohibit disclosure of estimates of oil and gas resources other than reserves and any estimated values of such resources in any document publicly filed with the SEC unless such information is required to be disclosed in the document by foreign or state law as noted in §229.1202 Instruction to Item 1202.

Reserves estimates will generally be revised only as additional geologic or engineering data become available or as economic conditions change.

Reserves may be attributed to either natural energy or improved recovery methods. Improved recovery methods include all methods for supplementing natural energy or altering natural forces in the reservoir to increase ultimate recovery. Examples of such methods are pressure maintenance, natural gas cycling, waterflooding, thermal methods, chemical flooding, and the use of miscible and immiscible displacement fluids. Other improved recovery methods may be developed in the future as petroleum technology continues to evolve.

Reserves may be attributed to either conventional or unconventional petroleum accumulations. Petroleum accumulations are considered as either conventional or unconventional based on the nature of their in-place characteristics, extraction method applied, or degree of processing prior to sale.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

## PETROLEUM RESERVES DEFINITIONS

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Examples of unconventional petroleum accumulations include coalbed or coalseam methane (CBM/CSM), basin-centered gas, shale gas, gas hydrates, natural bitumen and oil shale deposits. These unconventional accumulations may require specialized extraction technology and/or significant processing prior to sale.

Reserves do not include quantities of petroleum being held in inventory.

Because of the differences in uncertainty, caution should be exercised when aggregating quantities of petroleum from different reserves categories.

### RESERVES (SEC DEFINITIONS)

Securities and Exchange Commission Regulation S-X §210.4-10(a)(26) defines reserves as follows:

Reserves. Reserves are estimated remaining quantities of oil and gas and related substances anticipated to be economically producible, as of a given date, by application of development projects to known accumulations. In addition, there must exist, or there must be a reasonable expectation that there will exist, the legal right to produce or a revenue interest in the production, installed means of delivering oil and gas or related substances to market, and all permits and financing required to implement the project.

Note to paragraph (a)(26): Reserves should not be assigned to adjacent reservoirs isolated by major, potentially sealing, faults until those reservoirs are penetrated and evaluated as economically producible. Reserves should not be assigned to areas that are clearly separated from a known accumulation by a non-productive reservoir (i.e., absence of reservoir, structurally low reservoir, or negative test results). Such areas may contain prospective resources (i.e., potentially recoverable resources from undiscovered accumulations).

### PROVED RESERVES (SEC DEFINITIONS)

Securities and Exchange Commission Regulation S-X §210.4-10(a)(22) defines proved oil and gas reserves as follows:

Proved oil and gas reserves. Proved oil and gas reserves are those quantities of oil and gas, which, by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible—from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations—prior to the time at which contracts providing the right to operate expire, unless evidence indicates that renewal is reasonably certain, regardless of whether deterministic or probabilistic methods are used for the estimation. The project to extract the hydrocarbons must have commenced or the operator must be reasonably certain that it will commence the project within a reasonable time.

(i) The area of the reservoir considered as proved includes:

(A) The area identified by drilling and limited by fluid contacts, if any, and

(B) Adjacent undrilled portions of the reservoir that can, with reasonable certainty, be judged to be continuous with it and to contain economically producible oil or gas on the basis of available geoscience and engineering data.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS



PETROLEUM RESERVES DEFINITIONS

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(ii) In the absence of data on fluid contacts, proved quantities in a reservoir are limited by the lowest known hydrocarbons (LKH) as seen in a well penetration unless geoscience, engineering, or performance data and reliable technology establishes a lower contact with reasonable certainty.

(iii) Where direct observation from well penetrations has defined a highest known oil (HKO) elevation and the potential exists for an associated gas cap, proved oil reserves may be assigned in the structurally higher portions of the reservoir only if geoscience, engineering, or performance data and reliable technology establish the higher contact with reasonable certainty.

(iv) Reserves which can be produced economically through application of improved recovery techniques (including, but not limited to, fluid injection) are included in the proved classification when:

(A) Successful testing by a pilot project in an area of the reservoir with properties no more favorable than in the reservoir as a whole, the operation of an installed program in the reservoir or an analogous reservoir, or other evidence using reliable technology establishes the reasonable certainty of the engineering analysis on which the project or program was based; and

(B) The project has been approved for development by all necessary parties and entities, including governmental entities.

(v) Existing economic conditions include prices and costs at which economic producibility from a reservoir is to be determined. The price shall be the average price during the 12-month period prior to the ending date of the period covered by the report, determined as an unweighted arithmetic average of the first-day-of-the-month price for each month within such period, unless prices are defined by contractual arrangements, excluding escalations based upon future conditions.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS

PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES

As Adapted From:  
RULE 4-10(a) of REGULATION S-X PART 210  
UNITED STATES SECURITIES AND EXCHANGE COMMISSION (SEC)

and

2018 PETROLEUM RESOURCES MANAGEMENT SYSTEM (SPE-PRMS)

Sponsored and Approved by:  
SOCIETY OF PETROLEUM ENGINEERS (SPE)  
WORLD PETROLEUM COUNCIL (WPC)  
AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS (AAPG)  
SOCIETY OF PETROLEUM EVALUATION ENGINEERS (SPEE)  
SOCIETY OF EXPLORATION GEOPHYSICISTS (SEG)  
SOCIETY OF PETROPHYSICISTS AND WELL LOG ANALYSTS (SPWLA)  
EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS (EAGE)

Reserves status categories define the development and producing status of wells and reservoirs. Reference should be made to Title 17, Code of Federal Regulations, Regulation S-X Part 210, Rule 4-10(a) and the SPE-PRMS as the following reserves status definitions are based on excerpts from the original documents (direct passages excerpted from the aforementioned SEC and SPE-PRMS documents are denoted in italics herein).

DEVELOPED RESERVES (SEC DEFINITIONS)

Securities and Exchange Commission Regulation S-X §210.4-10(a)(6) defines developed oil and gas reserves as follows:

Developed oil and gas reserves are reserves of any category that can be expected to be recovered:

- (i) Through existing wells with existing equipment and operating methods or in which the cost of the required equipment is relatively minor compared to the cost of a new well; and
- (ii) Through installed extraction equipment and infrastructure operational at the time of the reserves estimate if the extraction is by means not involving a well.

Developed Producing (SPE-PRMS Definitions)

While not a requirement for disclosure under the SEC regulations, developed oil and gas reserves may be further sub-classified according to the guidance contained in the SPE-PRMS as Producing or Non-Producing.

Developed Producing Reserves

Developed Producing Reserves are expected quantities to be recovered from completion intervals that are open and producing at the effective date of the estimate.

RYDER SCOTT COMPANY PETROLEUM CONSULTANTS



## PETROLEUM RESERVES STATUS DEFINITIONS AND GUIDELINES

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Improved recovery reserves are considered producing only after the improved recovery project is in operation.

### Developed Non-Producing

Developed Non-Producing Reserves include shut-in and behind-pipe Reserves.

### Shut-In

Shut-in Reserves are expected to be recovered from:

- (1) completion intervals that are open at the time of the estimate but which have not yet started producing;
- (2) wells which were shut-in for market conditions or pipeline connections; or
- (3) wells not capable of production for mechanical reasons.

### Behind-Pipe

Behind-pipe Reserves are expected to be recovered from zones in existing wells that will require additional completion work or future re-completion before start of production with minor cost to access these reserves.

In all cases, production can be initiated or restored with relatively low expenditure compared to the cost of drilling a new well.

## UNDEVELOPED RESERVES (SEC DEFINITIONS)

Securities and Exchange Commission Regulation S-X §210.4-10(a)(31) defines undeveloped oil and gas reserves as follows:

Undeveloped oil and gas reserves are reserves of any category that are expected to be recovered from new wells on undrilled acreage, or from existing wells where a relatively major expenditure is required for recompletion.

- (i) Reserves on undrilled acreage shall be limited to those directly offsetting development spacing areas that are reasonably certain of production when drilled, unless evidence using reliable technology exists that establishes reasonable certainty of economic producibility at greater distances.
- (ii) Undrilled locations can be classified as having undeveloped reserves only if a development plan has been adopted indicating that they are scheduled to be drilled within five years, unless the specific circumstances, justify a longer time.
- (iii) Under no circumstances shall estimates for undeveloped reserves be attributable to any acreage for which an application of fluid injection or other improved recovery technique is contemplated, unless such techniques have been proved effective by actual projects in the same reservoir or an analogous reservoir, as defined in paragraph (a)(2) of this section, or by other evidence using reliable technology establishing reasonable certainty.

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## Cover - Cover

Cover - USD (\$)	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Jan. 29, 2021	Jun. 30, 2020
Entity Information [Line Items]	dei_EntityInformationLineItems	dei_	xbri:stringItemType	na	duration			
Document Type	dei_DocumentType	dei_	dei:submissionTypeItemType	na	duration 10-K			
Document Annual Report	dei_DocumentAnnualReport	dei_	xbri:booleanItemType	na	duration true			
Document Period End Date	dei_DocumentPeriodEndDate	dei_	xbri:dateItemType	na	duration Dec. 31, 2020			
Current Fiscal Year End Date	dei_CurrentFiscalYearEndDate	dei_	xbri:gMonthDayItemType	na	duration --12-31			
Document Transition Report	dei_DocumentTransitionReport	dei_	xbri:booleanItemType	na	duration false			
Entity File Number	dei_EntityFileNumber	dei_	dei:fileNumberItemType	na	duration 1-4300			
Entity Registrant Name	dei_EntityRegistrantName	dei_	xbri:normalizedStringItemType	na	duration APACHE CORPORATION			
Entity Incorporation, State or Country Code	dei_EntityIncorporationStateCountryCode	dei_	dei:edgarStateCountryItemType	na	duration DE			
Entity Tax Identification Number	dei_EntityTaxIdentificationNumber	dei_	dei:employerIdItemType	na	duration 41-0747868			
Entity Address, Address Line One	dei_EntityAddressAddressLine1	dei_	xbri:normalizedStringItemType	na	duration One Post Oak Central, 2000 Post Oak Boulevard, Suite 100			
Entity Address, City or Town	dei_EntityAddressCityOrTown	dei_	xbri:normalizedStringItemType	na	duration Houston			
Entity Address, State or Province	dei_EntityAddressStateOrProvince	dei_	dei:stateOrProvinceItemType	na	duration TX			
Entity Address, Postal Zip Code	dei_EntityAddressPostalZipCode	dei_	xbri:normalizedStringItemType	na	duration 77056-4400			
City Area Code	dei_CityAreaCode	dei_	xbri:normalizedStringItemType	na	duration 713			
Local Phone Number	dei_LocalPhoneNumber	dei_	xbri:normalizedStringItemType	na	duration 296-6000			
Entity Well-known Seasoned Issuer	dei_EntityWellKnownSeasonedIssuer	dei_	dei:yesNoItemType	na	duration Yes			
Entity Voluntary Filers	dei_EntityVoluntaryFilers	dei_	dei:yesNoItemType	na	duration No			
Entity Current Reporting Status	dei_EntityCurrentReportingStatus	dei_	dei:yesNoItemType	na	duration Yes			
Entity Interactive Data Current	dei_EntityInteractiveDataCurrent	dei_	dei:yesNoItemType	na	duration Yes			
Entity Filer Category	dei_EntityFilerCategory	dei_	dei:filerCategoryItemType	na	duration Large Accelerated Filer			
Entity Small Business	dei_EntitySmallBusiness	dei_	xbri:booleanItemType	na	duration false			
Entity Emerging Growth Company	dei_EntityEmergingGrowthCompany	dei_	xbri:booleanItemType	na	duration false			
ICFR Auditor Attestation Flag	dei_IcfrAuditorAttestationFlag	dei_	xbri:booleanItemType	na	duration true			
Entity Shell Company	dei_EntityShellCompany	dei_	xbri:booleanItemType	na	duration false			
Entity Public Float	dei_EntityPublicFloat	dei_	xbri:monetaryItemType	credit	instant			\$ 5,095,687,766
Entity Common Stock, Shares Outstanding	dei_EntityCommonStockSharesOutstanding	dei_	xbri:sharesItemType	na	instant		377,860,971	
Documents Incorporated by Reference						<p>Portions of the registrant's definitive proxy statement relating to the registrant's 2021 annual meeting of stockholders are incorporated by reference in Part II and Part III of this Annual Report on Form 10-K.</p> <p>On January 4, 2021, the registrant (Apache) announced that its Board of Directors authorized Apache to proceed with the implementation of a holding company reorganization, in connection with which, Apache will create APA Corporation, a new holding company (APA). Upon completion of the holding company reorganization, Apache will be a wholly-owned subsidiary of APA, APA will be the successor issuer to Apache pursuant to Rule 12g-3(a) under the Securities Exchange Act of 1934, as amended, and</p>		
	dei_DocumentsIncorporatedByReferenceTextBlock	dei_	nonnum:textBlockItemType	na	duration			



APA will replace Apache as the public company trading on the Nasdaq Global Select Market under the ticker symbol "APA". If the holding company reorganization is completed prior to the date that Apache's definitive proxy statement relating to the 2021 annual meeting of stockholders is filed with the Securities and Exchange Commission, then the definitive proxy statement will be filed by APA, as successor issuer to Apache.

Amendment Flag	dei_AmendmentFlag	dei_	xbri:booleanItemType	na	duration	false		
Document Fiscal Year Focus	dei_DocumentFiscalYearFocus	dei_	xbri:gYearItemType	na	duration	2020		
Document Fiscal Period Focus	dei_DocumentFiscalPeriodFocus	dei_	dei:fiscalPeriodItemType	na	duration	FY		
Entity Central Index Key	dei_EntityCentralIndexKey	dei_	dei:centralIndexKeyItemType	na	duration	0000006769		
Nasdaq Global Select Market	dei_EntityListingsExchangeAxis=exch_XNGS		na					
<b>Entity Information [Line Items]</b>	dei_EntityInformationLineItems	dei_	xbri:stringItemType	na	duration			
Title of 12(b) Security	dei_Security12bTitle	dei_	dei:securityTitleItemType	na	duration	Common Stock, \$0.625 par value		
Trading Symbol	dei_TradingSymbol	dei_	dei:tradingSymbolItemType	na	duration	APA		
Security Exchange Name	dei_SecurityExchangeName	dei_	dei:edgarExchangeCodeItemType	na	duration	NASDAQ		

+ References + Details

## Cover - STATEMENT OF CONSOLIDATED OPERATIONS

STATEMENT OF CONSOLIDATED OPERATIONS - USD (\$) shares in Millions, \$ in Millions	XBRL Details						12 Months Ended		
	XBRL Tag Name		XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>REVENUES AND OTHER:</b>	us-gaap_RevenuesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Derivative instrument losses, net	us-gaap_GainLossOnDerivativeInstrumentsNetPretax		us-gaap_	xbri:monetaryItemType	credit	duration	\$ (223)	\$ (35)	\$ (17)
Gain on divestitures, net	us-gaap_GainLossOnSaleOfBusiness		us-gaap_	xbri:monetaryItemType	credit	duration 32	43	23	
Other	apa_OtherSalesRevenueLossesNet		apa_	xbri:monetaryItemType	credit	duration 64	54	53	
Total revenues and other	us-gaap_Revenues		us-gaap_	xbri:monetaryItemType	credit	duration 4,308	6,553	7,764	
<b>OPERATING EXPENSES:</b>	us-gaap_OperatingExpensesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Lease operating expenses	us-gaap_OperatingLeaseExpense		us-gaap_	xbri:monetaryItemType	debit	duration 1,127	1,447	1,439	
Taxes other than income	us-gaap_TaxesOther		us-gaap_	xbri:monetaryItemType	debit	duration 123	207	215	
Exploration	us-gaap_ExplorationExpense		us-gaap_	xbri:monetaryItemType	debit	duration 274	805	503	
General and administrative	us-gaap_GeneralAndAdministrativeExpense		us-gaap_	xbri:monetaryItemType	debit	duration 290	406	431	
Transaction, reorganization, and separation	us-gaap_RestructuringCharges		us-gaap_	xbri:monetaryItemType	debit	duration 54	50	28	
Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization		us-gaap_	xbri:monetaryItemType	debit	duration 1,772	2,680	2,405	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense		us-gaap_	xbri:monetaryItemType	debit	duration 109	107	108	
Impairments	us-gaap_AssetImpairmentCharges		us-gaap_	xbri:monetaryItemType	debit	duration 4,501	2,949	511	
Financing costs, net	us-gaap_InterestCostsIncurred		us-gaap_	xbri:monetaryItemType	debit	duration 267	462	478	
Total operating expenses	us-gaap_CostsAndExpenses		us-gaap_	xbri:monetaryItemType	debit	duration 9,148	9,561	6,806	
NET INCOME (LOSS) BEFORE INCOME TAXES	us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesMinorityInterestAndIncomeLossFromEquityMethodInvestments		us-gaap_	xbri:monetaryItemType	credit	duration (4,840)	(3,008)	958	
Current income tax provision	us-gaap_CurrentIncomeTaxExpenseBenefit		us-gaap_	xbri:monetaryItemType	debit	duration 176	660	894	
Deferred income tax provision (benefit)	us-gaap_DeferredIncomeTaxExpenseBenefit		us-gaap_	xbri:monetaryItemType	debit	duration (112)	14	(222)	
NET INCOME (LOSS) INCLUDING NONCONTROLLING INTERESTS	us-gaap_ProfitLoss		us-gaap_	xbri:monetaryItemType	credit	duration (4,904)	(3,682)	286	
NET INCOME (LOSS) ATTRIBUTABLE TO COMMON STOCK	us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic		us-gaap_	xbri:monetaryItemType	credit	duration \$ (4,860)	\$ (3,553)	\$ 40	
<b>NET INCOME (LOSS) PER COMMON SHARE:</b>	us-gaap_EarningsPerShareBasicAbstract		us-gaap_	xbri:stringItemType	na	duration			
Basic (in USD per share)	us-gaap_EarningsPerShareBasic		us-gaap_	num:perShareItemType	na	duration \$ (12.86)	\$ (9.43)	\$ 0.11	
Diluted (in USD per share)	us-gaap_EarningsPerShareDiluted		us-gaap_	num:perShareItemType	na	duration \$ (12.86)	\$ (9.43)	\$ 0.11	
<b>WEIGHTED-AVERAGE NUMBER OF COMMON SHARES OUTSTANDING:</b>	us-gaap_WeightedAverageNumberOfSharesOutstandingDisclosureItemsAbstract		us-gaap_	xbri:stringItemType	na	duration			
Basic (in shares)	us-gaap_WeightedAverageNumberOfSharesOutstandingBasic		us-gaap_	xbri:sharesItemType	na	duration 378	377	382	
Diluted (in shares)	us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding		us-gaap_	xbri:sharesItemType	na	duration 378	377	384	
Noncontrolling Interest, Egypt	us-gaap_StatementEquityComponentsAxis=apa_NoncontrollingInterestEgyptMember			na					
<b>OPERATING EXPENSES:</b>	us-gaap_OperatingExpensesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Net income (loss) attributable to noncontrolling interest	us-gaap_NetIncomeLossAttributableToNoncontrollingInterest		us-gaap_	xbri:monetaryItemType	debit	duration \$ (121)	\$ 167	\$ 245	
Noncontrolling Interest, Altus	us-gaap_StatementEquityComponentsAxis=apa_NoncontrollingInterestALTMMember			na					
<b>OPERATING EXPENSES:</b>	us-gaap_OperatingExpensesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Net income (loss) attributable to noncontrolling interest	us-gaap_NetIncomeLossAttributableToNoncontrollingInterest		us-gaap_	xbri:monetaryItemType	debit	duration 1	(334)	1	
Oil and gas, excluding purchased	srt_ProductOrServiceAxis=apa_OilAndGasExcludingPurchasedMember			na					
<b>REVENUES AND OTHER:</b>	us-gaap_RevenuesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax		us-gaap_	xbri:monetaryItemType	credit	duration 4,037	6,315	7,348	
<b>OPERATING EXPENSES:</b>	us-gaap_OperatingExpensesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Cost of goods and services sold	us-gaap_CostOfGoodsAndServicesSold		us-gaap_	xbri:monetaryItemType	debit	duration 274	306	348	
Oil and gas, purchased	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember			na					
<b>REVENUES AND OTHER:</b>	us-gaap_RevenuesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax		us-gaap_	xbri:monetaryItemType	credit	duration 398	176	357	
<b>OPERATING EXPENSES:</b>	us-gaap_OperatingExpensesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Cost of goods and services sold	us-gaap_CostOfGoodsAndServicesSold		us-gaap_	xbri:monetaryItemType	debit	duration 357	142	340	
Oil and gas	srt_ProductOrServiceAxis=us-gaap_OilAndGasMember			na					
<b>REVENUES AND OTHER:</b>	us-gaap_RevenuesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax		us-gaap_	xbri:monetaryItemType	credit	duration \$ 4,435	\$ 6,491	\$ 7,705	

+ References + Details



## Cover - STATEMENT OF CONSOLIDATED COMPREHENSIVE INCOME (LOSS)

STATEMENT OF CONSOLIDATED COMPREHENSIVE INCOME (LOSS) - USD (\$) \$ in Millions	XBRL Details		12 Months Ended					
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Net income (loss) including noncontrolling interests	us-gaap_ProfitLoss	us-gaap_	xbri:monetaryItemType	credit	duration	\$ (4,904)	\$ (3,682)	\$ 286
<b>OTHER COMPREHENSIVE INCOME (LOSS), NET OF TAX:</b>	us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract	us-gaap_	xbri:stringItemType	na	duration			
Pension and postretirement benefit plan	us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax	us-gaap_	xbri:monetaryItemType	debit	duration (2)	13	0	
Share of equity method interests other comprehensive loss	us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAocForInvestmentTransferredFromAvailableForSaleToEquityMethodAfterTax	us-gaap_	xbri:monetaryItemType	debit	duration 0	(1)	0	
Other comprehensive income, net of tax	us-gaap_OtherComprehensiveIncomeLossNetOfTax	us-gaap_	xbri:monetaryItemType	credit	duration (2)	12	0	
COMPREHENSIVE INCOME (LOSS) INCLUDING NONCONTROLLING INTERESTS	us-gaap_ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbri:monetaryItemType	credit	duration (4,906)	(3,670)	286	
COMPREHENSIVE INCOME (LOSS) ATTRIBUTABLE TO COMMON STOCK	us-gaap_ComprehensiveIncomeNetOfTax	us-gaap_	xbri:monetaryItemType	credit	duration (4,862)	(3,541)	40	
Redeemable Noncontrolling Interest - Altus Preferred Unit Limited Partners	us-gaap_StatementClassOfStockAxis=us-gaap_RedeemablePreferredStockMember		na					
<b>OTHER COMPREHENSIVE INCOME (LOSS), NET OF TAX:</b>	us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract	us-gaap_	xbri:stringItemType	na	duration			
Comprehensive income (loss) attributable to noncontrolling interest	us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest	us-gaap_	xbri:monetaryItemType	debit	duration 76	38	0	
Noncontrolling Interest, Egypt	us-gaap_StatementEquityComponentsAxis=apa_NoncontrollingInterestEgyptMember		na					
<b>OTHER COMPREHENSIVE INCOME (LOSS), NET OF TAX:</b>	us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract	us-gaap_	xbri:stringItemType	na	duration			
Comprehensive income (loss) attributable to noncontrolling interest	us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest	us-gaap_	xbri:monetaryItemType	debit	duration (121)	167	245	
Noncontrolling Interest, Altus	us-gaap_StatementEquityComponentsAxis=apa_NoncontrollingInterestALTMMember		na					
<b>OTHER COMPREHENSIVE INCOME (LOSS), NET OF TAX:</b>	us-gaap_OtherComprehensiveIncomeLossNetOfTaxPeriodIncreaseDecreaseAbstract	us-gaap_	xbri:stringItemType	na	duration			
Comprehensive income (loss) attributable to noncontrolling interest	us-gaap_ComprehensiveIncomeNetOfTaxAttributableToNoncontrollingInterest	us-gaap_	xbri:monetaryItemType	debit	duration \$ 1	\$ (334)	\$ 1	

+ References + Details

## Cover - STATEMENT OF CONSOLIDATED CASH FLOWS

STATEMENT OF CONSOLIDATED CASH FLOWS - USD (\$) \$ in Millions	XBRL Details						12 Months Ended		
	XBRL Tag Name		XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>CASH FLOWS FROM OPERATING ACTIVITIES:</b>	us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Net income (loss) including noncontrolling interests	us-gaap_ProfitLoss		us-gaap_	xbri:monetaryItemType	credit	duration	\$ (4,904)	\$ (3,682)	\$ 286
<b>Adjustments to reconcile net income (loss) to net cash provided by operating activities:</b>	us-gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Unrealized derivative instrument losses (gains), net	us-gaap_UnrealizedGainLossOnDerivatives		us-gaap_	xbri:monetaryItemType	credit	duration 87	44	(103)	
Gain on divestitures, net	us-gaap_GainLossOnSaleOfBusiness		us-gaap_	xbri:monetaryItemType	credit	duration (32)	(43)	(23)	
Exploratory dry hole expense and unproved leasehold impairments	us-gaap_ResultsOfOperationsDryHoleCosts		us-gaap_	xbri:monetaryItemType	debit	duration 211	676	351	
Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization		us-gaap_	xbri:monetaryItemType	debit	duration 1,772	2,680	2,405	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense		us-gaap_	xbri:monetaryItemType	debit	duration 109	107	108	
Impairments	us-gaap_AssetImpairmentCharges		us-gaap_	xbri:monetaryItemType	debit	duration 4,501	2,949	511	
Provision for (benefit from) deferred income taxes	us-gaap_DeferredIncomeTaxExpenseBenefit		us-gaap_	xbri:monetaryItemType	debit	duration (112)	14	(222)	
Loss (gain) from extinguishment of debt	us-gaap_GainsLossesOnExtinguishmentOfDebt		us-gaap_	xbri:monetaryItemType	credit	duration (160)	75	94	
Other	us-gaap_OtherNoncashIncomeExpense		us-gaap_	xbri:monetaryItemType	credit	duration 102	50	125	
<b>Changes in operating assets and liabilities:</b>	us-gaap_IncreaseDecreaseInOperatingCapitalAbstract		us-gaap_	xbri:stringItemType	na	duration			
Receivables	us-gaap_IncreaseDecreaseInReceivables		us-gaap_	xbri:monetaryItemType	credit	duration 149	133	150	
Inventories	us-gaap_IncreaseDecreaseInInventories		us-gaap_	xbri:monetaryItemType	credit	duration 19	(41)	(6)	
Drilling advances	us-gaap_IncreaseDecreaseInContractWithCustomerLiability		us-gaap_	xbri:monetaryItemType	debit	duration (21)	(21)	(11)	
Deferred charges and other	us-gaap_IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets		us-gaap_	xbri:monetaryItemType	credit	duration (21)	51	83	
Accounts payable	us-gaap_IncreaseDecreaseInAccountsPayable		us-gaap_	xbri:monetaryItemType	debit	duration (167)	(5)	77	
Accrued expenses	us-gaap_IncreaseDecreaseInAccruedLiabilities		us-gaap_	xbri:monetaryItemType	debit	duration (163)	(84)	5	
Deferred credits and noncurrent liabilities	apa_IncreaseDecreaseDeferredCreditsAndNoncurrentLiabilities		apa_	xbri:monetaryItemType	debit	duration 18	(36)	(53)	
NET CASH PROVIDED BY OPERATING ACTIVITIES	us-gaap_NetCashProvidedByUsedInOperatingActivities		us-gaap_	xbri:monetaryItemType	na	duration 1,388	2,867	3,777	
<b>CASH FLOWS FROM INVESTING ACTIVITIES:</b>	us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Additions to oil and gas property	us-gaap_PaymentsToExploreAndDevelopOilAndGasProperties		us-gaap_	xbri:monetaryItemType	credit	duration (1,270)	(2,594)	(3,190)	
Additions to Altus gathering, processing, and transmission (GPT) facilities	apa_AdditionsToGasGatheringProcessingAndTransmissionFacilities		apa_	xbri:monetaryItemType	credit	duration (28)	(327)	(581)	
Leasehold and property acquisitions	us-gaap_PaymentsToAcquireOilAndGasProperty		us-gaap_	xbri:monetaryItemType	credit	duration (4)	(40)	(133)	
Contributions to Altus equity method interests	apa_EquityMethodInvestmentContribution		apa_	xbri:monetaryItemType	credit	duration (327)	(501)	0	
Acquisition of Altus equity method interests	us-gaap_PaymentsToAcquireEquityMethodInvestments		us-gaap_	xbri:monetaryItemType	credit	duration 0	(671)	(91)	
Proceeds from asset divestitures	us-gaap_ProceedsFromSaleOfOilAndGasPropertyAndEquipment		us-gaap_	xbri:monetaryItemType	debit	duration 166	718	138	
Other	us-gaap_PaymentsForProceedsFromOtherInvestingActivities		us-gaap_	xbri:monetaryItemType	credit	duration (3)	(31)	(87)	
NET CASH USED IN INVESTING ACTIVITIES	us-gaap_NetCashProvidedByUsedInInvestingActivities		us-gaap_	xbri:monetaryItemType	debit	duration (1,466)	(3,446)	(3,944)	
<b>CASH FLOWS FROM FINANCING ACTIVITIES:</b>	us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract		us-gaap_	xbri:stringItemType	na	duration			
Proceeds from Apache credit facility, net	apa_ProceedsFromCommercialPaperAndCreditFacility		apa_	xbri:monetaryItemType	debit	duration 150	0	0	
Proceeds from Altus credit facility	us-gaap_ProceedsFromLinesOfCredit		us-gaap_	xbri:monetaryItemType	debit	duration 228	396	0	
Fixed rate debt borrowings	us-gaap_ProceedsFromIssuanceOfLongTermDebt		us-gaap_	xbri:monetaryItemType	debit	duration 1,238	989	992	
Payments on fixed-rate debt	us-gaap_RepaymentsOfUnsecuredDebt		us-gaap_	xbri:monetaryItemType	credit	duration (1,243)	(1,150)	(1,370)	
Proceeds from Altus transaction	us-gaap_ProceedsFromMinorityShareholders		us-gaap_	xbri:monetaryItemType	debit	duration 0	0	628	
Distributions to noncontrolling interest - Egypt	us-gaap_PaymentsToMinorityShareholders		us-gaap_	xbri:monetaryItemType	credit	duration (91)	(305)	(345)	
Distributions to Altus Preferred Unit limited partners	apa_PaymentForDistributionToLimitedPartner		apa_	xbri:monetaryItemType	credit	duration (23)	0	0	
Redeemable noncontrolling interest - Altus Preferred Unit limited partners	us-gaap_ProceedsFromIssuanceOrSaleOfEquity		us-gaap_	xbri:monetaryItemType	debit	duration 0	611	0	
Dividends paid	us-gaap_PaymentsOfDividends		us-gaap_	xbri:monetaryItemType	credit	duration (123)	(376)	(382)	
Treasury stock activity, net	apa_TreasuryStockActivityNet		apa_	xbri:monetaryItemType	debit	duration 1	2	(305)	
Other	us-gaap_ProceedsFromPaymentsForOtherFinancingActivities		us-gaap_	xbri:monetaryItemType	debit	duration (44)	(55)	(5)	
NET CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES	us-gaap_NetCashProvidedByUsedInFinancingActivities		us-gaap_	xbri:monetaryItemType	debit	duration 93	112	(787)	
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect		us-gaap_	xbri:monetaryItemType	debit	duration 15	(467)	(954)	
CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR	us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents		us-gaap_	xbri:monetaryItemType	debit	instant 247	714	1,668	
CASH AND CASH EQUIVALENTS AT END OF PERIOD	us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents		us-gaap_	xbri:monetaryItemType	debit	instant 262	247	714	
<b>SUPPLEMENTARY CASH FLOW DATA:</b>	us-gaap_SupplementalCashFlowInformationAbstract		us-gaap_	xbri:stringItemType	na	duration			
Interest paid, net of capitalized interest	us-gaap_InterestPaidNet		us-gaap_	xbri:monetaryItemType	credit	duration 419	394	402	
Income taxes paid, net of refunds	us-gaap_IncomeTaxesPaidNet		us-gaap_	xbri:monetaryItemType	credit	duration \$ 212	\$ 649	\$ 867	

+ References + Details

## Cover - CONSOLIDATED BALANCE SHEET

CONSOLIDATED BALANCE SHEET - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>CURRENT ASSETS:</b>	us-gaap_AssetsCurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Cash and cash equivalents (\$24 and \$6 related to Altus VIE)	us-gaap_CashAndCashEquivalentsAtCarryingValue	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 262	\$ 247
Receivables, net of allowance of \$95 and \$88	us-gaap_ReceivablesNetCurrent	us-gaap_	xbri:monetaryItemType	debit	instant	908	1,062
Other current assets (Note 5) (\$5 and \$5 related to Altus VIE)	us-gaap_OtherAssetsCurrent	us-gaap_	xbri:monetaryItemType	debit	instant	676	652
Total current assets	us-gaap_AssetsCurrent	us-gaap_	xbri:monetaryItemType	debit	instant	1,846	1,961
<b>Oil and gas, on the basis of successful efforts accounting:</b>	us-gaap_OilAndGasPropertyFullCostMethodNetAbstract	us-gaap_	xbri:stringItemType	na	duration		
Proved properties	us-gaap_ProvedOilAndGasPropertySuccessfulEffortMethod	us-gaap_	xbri:monetaryItemType	debit	instant	41,217	40,540
Unproved properties and properties under development	us-gaap_UnprovedOilAndGasPropertySuccessfulEffortMethod	us-gaap_	xbri:monetaryItemType	debit	instant	602	666
Gathering, processing, and transmission facilities (\$206 and \$203 related to Altus VIE)	apa_GatheringProcessingAndTransmissionFacilitiesNoncurrent	apa_	xbri:monetaryItemType	debit	instant	670	799
Other (\$3 and \$4 related to Altus VIE)	us-gaap_PropertyPlantAndEquipmentOther	us-gaap_	xbri:monetaryItemType	debit	instant	1,140	1,140
Property and equipment, gross	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetBeforeAccumulatedDepreciationAndAmortization	us-gaap_	xbri:monetaryItemType	debit	instant	43,629	43,145
Less: Accumulated depreciation, depletion, and amortization (\$13 and \$1 related to Altus VIE)	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAccumulatedDepreciationAndAmortization	us-gaap_	xbri:monetaryItemType	credit	instant	(34,810)	(28,987)
Property and equipment, net	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAfterAccumulatedDepreciationAndAmortization	us-gaap_	xbri:monetaryItemType	debit	instant	8,819	14,158
<b>OTHER ASSETS:</b>	us-gaap_OtherAssetsNoncurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Equity method interests (Note 6) (\$1,555 and \$1,258 related to Altus VIE)	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	1,555	1,258
Deferred charges and other (\$5 and \$4 related to Altus VIE)	us-gaap_DeferredCostsAndOtherAssets	us-gaap_	xbri:monetaryItemType	debit	instant	526	730
Total assets	us-gaap_Assets	us-gaap_	xbri:monetaryItemType	debit	instant	12,746	18,107
<b>CURRENT LIABILITIES:</b>	us-gaap_LiabilitiesCurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Accounts payable	us-gaap_AccountsPayableCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	444	695
Current debt (nil and \$10 related to Altus VIE)	us-gaap_DebtCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	2	11
Other current liabilities (Note 7) (\$4 and \$21 related to Altus VIE)	us-gaap_OtherLiabilitiesCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	862	1,149
Total current liabilities	us-gaap_LiabilitiesCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	1,308	1,855
LONG-TERM DEBT (Note 9) (\$624 and \$396 related to Altus VIE)	us-gaap_LongTermDebtNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	8,770	8,555
<b>DEFERRED CREDITS AND OTHER NONCURRENT LIABILITIES:</b>	us-gaap_LiabilitiesNoncurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Income taxes	us-gaap_DeferredIncomeTaxLiabilitiesNet	us-gaap_	xbri:monetaryItemType	credit	instant	215	346
Asset retirement obligation (\$64 and \$60 related to Altus VIE)	us-gaap_AssetRetirementObligationsNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	1,888	1,811
Other (\$144 and \$107 related to Altus VIE)	us-gaap_OtherLiabilitiesNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	602	520
Total deferred credits and other noncurrent liabilities	us-gaap_LiabilitiesOtherThanLongtermDebtNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	2,705	2,677
COMMITMENTS AND CONTINGENCIES (Note 11)	us-gaap_CommitmentsAndContingencies	us-gaap_	xbri:monetaryItemType	credit	instant		
REDEEMABLE NONCONTROLLING INTEREST - ALTUS PREFERRED UNIT LIMITED PARTNERS (Note 13)	us-gaap_RedeemableNoncontrollingInterestEquityCarryingAmount	us-gaap_	xbri:monetaryItemType	credit	instant	608	555
<b>EQUITY (DEFICIT):</b>	us-gaap_StockholdersEquityAbstract	us-gaap_	xbri:stringItemType	na	duration		
Common stock, \$0.625 par, 860,000,000 shares authorized, 418,429,375 and 417,026,863 shares issued, respectively	us-gaap_CommonStockValue	us-gaap_	xbri:monetaryItemType	credit	instant	262	261
Paid-in capital	us-gaap_AdditionalPaidInCapital	us-gaap_	xbri:monetaryItemType	credit	instant	11,735	11,769
Accumulated deficit	us-gaap_RetainedEarningsAccumulatedDeficit	us-gaap_	xbri:monetaryItemType	credit	instant	(10,461)	(5,601)
Treasury stock, at cost, 40,946,745 and 40,964,193 shares, respectively	us-gaap_TreasuryStockValue	us-gaap_	xbri:monetaryItemType	debit	instant	(3,189)	(3,190)
Accumulated other comprehensive income	us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax	us-gaap_	xbri:monetaryItemType	credit	instant	14	16
APACHE SHAREHOLDERS' EQUITY (DEFICIT)	us-gaap_StockholdersEquity	us-gaap_	xbri:monetaryItemType	credit	instant	(1,639)	3,255
TOTAL EQUITY (DEFICIT)	us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbri:monetaryItemType	credit	instant	(645)	4,465
<b>TOTAL LIABILITIES AND EQUITY</b>	us-gaap_LiabilitiesAndStockholdersEquity	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 12,746	\$ 18,107
Common stock, par value (in USD per share)	us-gaap_CommonStockParOrStatedValuePerShare	us-gaap_	num:perShareItemType	na	instant	\$ 0.625	\$ 0.625
Common stock, shares authorized (in shares)	us-gaap_CommonStockSharesAuthorized	us-gaap_	xbri:sharesItemType	na	instant	860,000,000	860,000,000
Common stock, shares issued (in shares)	us-gaap_CommonStockSharesIssued	us-gaap_	xbri:sharesItemType	na	instant	418,429,375	417,026,863
Treasury stock, shares (in shares)	us-gaap_TreasuryStockShares	us-gaap_	xbri:sharesItemType	na	instant	40,946,745	40,964,193
Variable Interest Entity, Primary Beneficiary	srt_ConsolidatedEntitiesAxis=us-gaap_VariableInterestEntityPrimaryBeneficiaryMember		na				
<b>CURRENT ASSETS:</b>	us-gaap_AssetsCurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Cash and cash equivalents (\$24 and \$6 related to Altus VIE)	us-gaap_CashAndCashEquivalentsAtCarryingValue	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 24	\$ 6
Receivables, net of allowance of \$95 and \$88	us-gaap_ReceivablesNetCurrent	us-gaap_	xbri:monetaryItemType	debit	instant	95	88
Other current assets (Note 5) (\$5 and \$5 related to Altus VIE)	us-gaap_OtherAssetsCurrent	us-gaap_	xbri:monetaryItemType	debit	instant	5	5
<b>Oil and gas, on the basis of successful efforts accounting:</b>	us-gaap_OilAndGasPropertyFullCostMethodNetAbstract	us-gaap_	xbri:stringItemType	na	duration		
Gathering, processing, and transmission facilities (\$206 and	apa_GatheringProcessingAndTransmissionFacilitiesNoncurrent	apa_	xbri:monetaryItemType	debit	instant	206	203



\$203 related to Altus VIE)							
Other (\$3 and \$4 related to Altus VIE)	us-gaap_PropertyPlantAndEquipmentOther	us-gaap_	xbri:monetaryItemType	debit	instant	3	4
Less: Accumulated depreciation, depletion, and amortization (\$13 and \$1 related to Altus VIE)	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAccumulatedDepreciationAndAmortization	us-gaap_	xbri:monetaryItemType	credit	instant	(13)	(1)
<b>OTHER ASSETS:</b>	us-gaap_OtherAssetsNoncurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Equity method interests (Note 6) (\$1,555 and \$1,258 related to Altus VIE)	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	1,555	1,258
Deferred charges and other (\$5 and \$4 related to Altus VIE)	us-gaap_DeferredCostsAndOtherAssets	us-gaap_	xbri:monetaryItemType	debit	instant	5	4
<b>CURRENT LIABILITIES:</b>	us-gaap_LiabilitiesCurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Current debt (nil and \$10 related to Altus VIE)	us-gaap_DebtCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	0	10
Other current liabilities (Note 7) (\$4 and \$21 related to Altus VIE)	us-gaap_OtherLiabilitiesCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	4	21
LONG-TERM DEBT (Note 9) (\$624 and \$396 related to Altus VIE)	us-gaap_LongTermDebtNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	624	396
<b>DEFERRED CREDITS AND OTHER NONCURRENT LIABILITIES:</b>	us-gaap_LiabilitiesNoncurrentAbstract	us-gaap_	xbri:stringItemType	na	duration		
Asset retirement obligation (\$64 and \$60 related to Altus VIE)	us-gaap_AssetRetirementObligationsNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	64	60
Other (\$144 and \$107 related to Altus VIE)	us-gaap_OtherLiabilitiesNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	144	107
Noncontrolling Interest, Egypt	us-gaap_StatementEquityComponentsAxis=apa_NoncontrollingInterestEgyptMember		na				
<b>EQUITY (DEFICIT):</b>	us-gaap_StockholdersEquityAbstract	us-gaap_	xbri:stringItemType	na	duration		
Noncontrolling interest	us-gaap_MinorityInterest	us-gaap_	xbri:monetaryItemType	credit	instant	925	1,137
Noncontrolling Interest, Altus	us-gaap_StatementEquityComponentsAxis=apa_NoncontrollingInterestALTMMember		na				
<b>EQUITY (DEFICIT):</b>	us-gaap_StockholdersEquityAbstract	us-gaap_	xbri:stringItemType	na	duration		
Noncontrolling interest	us-gaap_MinorityInterest	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 69	\$ 73

+ References + Details

## Cover - CONSOLIDATED BALANCE SHEET (Parenthetical)

CONSOLIDATED BALANCE SHEET (Parenthetical) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
Cash and cash equivalent	us-gaap_CashAndCashEquivalentsAtCarryingValue	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 262	\$ 247
Receivables net of allowance	us-gaap_ReceivablesNetCurrent	us-gaap_	xbrli:monetaryItemType	debit	instant	908	1,062
Other current assets (Note 5) (\$5 and \$5 related to Altus VIE)	us-gaap_OtherAssetsCurrent	us-gaap_	xbrli:monetaryItemType	debit	instant	676	652
Gathering, processing, and transmission facilities (\$206 and \$203 related to Altus VIE)	apa_GatheringProcessingAndTransmissionFacilitiesNoncurrent	apa_	xbrli:monetaryItemType	debit	instant	670	799
Other property and equipment	us-gaap_PropertyPlantAndEquipmentOther	us-gaap_	xbrli:monetaryItemType	debit	instant	1,140	1,140
Accumulated depreciation	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType	credit	instant	34,810	28,987
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	1,555	1,258
Deferred charges and other	us-gaap_DeferredCostsAndOtherAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	526	730
Current debt	us-gaap_DebtCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	2	11
Other current liabilities	us-gaap_OtherLiabilitiesCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	862	1,149
Long-term debt	us-gaap_LongTermDebtNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	8,770	8,555
Asset retirement obligation	us-gaap_AssetRetirementObligationsNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	1,888	1,811
Other noncurrent liabilities	us-gaap_OtherLiabilitiesNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 602	\$ 520
Common stock, par value (in USD per share)	us-gaap_CommonStockParOrStatedValuePerShare	us-gaap_	num:perShareItemType	na	instant	\$ 0.625	\$ 0.625
Common stock, shares authorized (in shares)	us-gaap_CommonStockSharesAuthorized	us-gaap_	xbrli:sharesItemType	na	instant	860,000,000	860,000,000
Common stock, shares issued (in shares)	us-gaap_CommonStockSharesIssued	us-gaap_	xbrli:sharesItemType	na	instant	418,429,375	417,026,863
Treasury stock, shares (in shares)	us-gaap_TreasuryStockShares	us-gaap_	xbrli:sharesItemType	na	instant	40,946,745	40,964,193
Variable Interest Entity, Primary Beneficiary	srt_ConsolidatedEntitiesAxis=us-gaap_VariableInterestEntityPrimaryBeneficiaryMember		na				
Cash and cash equivalent	us-gaap_CashAndCashEquivalentsAtCarryingValue	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 24	\$ 6
Receivables net of allowance	us-gaap_ReceivablesNetCurrent	us-gaap_	xbrli:monetaryItemType	debit	instant	95	88
Other current assets (Note 5) (\$5 and \$5 related to Altus VIE)	us-gaap_OtherAssetsCurrent	us-gaap_	xbrli:monetaryItemType	debit	instant	5	5
Gathering, processing, and transmission facilities (\$206 and \$203 related to Altus VIE)	apa_GatheringProcessingAndTransmissionFacilitiesNoncurrent	apa_	xbrli:monetaryItemType	debit	instant	206	203
Other property and equipment	us-gaap_PropertyPlantAndEquipmentOther	us-gaap_	xbrli:monetaryItemType	debit	instant	3	4
Accumulated depreciation	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType	credit	instant	13	1
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	1,555	1,258
Deferred charges and other	us-gaap_DeferredCostsAndOtherAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	5	4
Current debt	us-gaap_DebtCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	0	10
Other current liabilities	us-gaap_OtherLiabilitiesCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	4	21
Long-term debt	us-gaap_LongTermDebtNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	624	396
Asset retirement obligation	us-gaap_AssetRetirementObligationsNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	64	60
Other noncurrent liabilities	us-gaap_OtherLiabilitiesNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 144	\$ 107

+ References + Details

## Cover - STATEMENT OF CONSOLIDATED CHANGES IN EQUITY (DEFICIT) AND NONCONTROLLING INTEREST

STATEMENT OF CONSOLIDATED CHANGES IN EQUITY (DEFICIT) AND NONCONTROLLING INTEREST - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Total	Common Stock	Paid-In Capital	Accumulated Deficit	Treasury Stock	Accumulated Other Comprehensive Income (Loss)	APACHE SHAREHOLDERS' EQUITY (DEFICIT)	Noncontrolling Interests	Noncontrolling Interest- Egypt	Noncontrolling Interest, Altus	Redeemable Noncontrolling Interest - Altus Preferred Unit Limited Partners
Beginning balance at Dec. 31, 2017	us-gaap_ReedeemableNoncontrollingInterestEquityCarryingAmount	us-gaap_	xbrl:monetaryItem	credit	instant											\$ 0
Increase (Decrease) in Temporary Equity (Roll Forward)	us-gaap_IncreaseDecreaseInTemporaryEquityRollForward	us-gaap_	xbrl:stringItem	na	duration											
Distributions to Altus Preferred Unit limited partners	us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders	us-gaap_	xbrl:monetaryItem	debit	duration	\$ (345)							\$ (345)			
Ending balance at Dec. 31, 2018	us-gaap_ReedeemableNoncontrollingInterestEquityCarryingAmount	us-gaap_	xbrl:monetaryItem	credit	instant											0
Beginning balance at Dec. 31, 2017	us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbrl:monetaryItem	credit	instant	8,791	\$ 259	\$ 12,128	\$ (2,088)	\$ (2,887)	\$ 4	\$ 7,416	1,375			
Increase (Decrease) in Stockholders' Equity (Roll Forward)	us-gaap_IncreaseDecreaseInStockholdersEquityRollForward	us-gaap_	xbrl:stringItem	na	duration											
Net loss attributable to common stock	us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic	us-gaap_	xbrl:monetaryItem	credit	duration	40		40			40					
Net income attributable to noncontrolling interest	us-gaap_NetIncomeLossAttributableToNoncontrollingInterest	us-gaap_	xbrl:monetaryItem	debit	duration								\$ 245	\$ 1		
Distributions to noncontrolling interest	us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders	us-gaap_	xbrl:monetaryItem	debit	duration	(345)						(345)				
Pension & Postretirement benefit plans, net of tax	us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax	us-gaap_	xbrl:monetaryItem	debit	duration	0										
Common dividends	us-gaap_DividendsCommonStockCash	us-gaap_	xbrl:monetaryItem	debit	duration	(380)		(380)			(380)					
Common stock activity, net	us-gaap_StockholdersEquityPeriodIncreaseDecrease	us-gaap_	xbrl:monetaryItem	na	duration	(28)	1	(29)			(28)					
Treasury stock activity, net	us-gaap_TreasuryStockValueAcquiredCostMethod	us-gaap_	xbrl:monetaryItem	debit	duration	(305)				(305)	(305)					
Proceeds from Altus transaction	us-gaap_NoncontrollingInterestIncreaseFromSaleOfParentEquityInterest	us-gaap_	xbrl:monetaryItem	credit	duration	628		222			222	406				
Compensation expense	us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation	us-gaap_	xbrl:monetaryItem	credit	duration	160		160			160					
Other	us-gaap_StockholdersEquityOther	us-gaap_	xbrl:monetaryItem	debit	duration	5	5				5					
Ending balance at Dec. 31, 2018	us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbrl:monetaryItem	credit	instant	8,812	260	12,106	(2,048)	(3,192)	4	7,130	1,682			
Increase (Decrease) in Temporary Equity (Roll Forward)	us-gaap_IncreaseDecreaseInTemporaryEquityRollForward	us-gaap_	xbrl:stringItem	na	duration											
Issuance of Altus Preferred Units	us-gaap_TemporaryEquityStockIssuedDuringPeriodValueNewIssues	us-gaap_	xbrl:monetaryItem	credit	duration											517
Net income attributable to Altus Preferred Unit limited partners	us-gaap_TemporaryEquityNetIncome	us-gaap_	xbrl:monetaryItem	credit	duration											38
Distributions to Altus Preferred Unit limited partners	us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders	us-gaap_	xbrl:monetaryItem	debit	duration	(305)						(305)				
Ending balance at Dec. 31, 2019	us-gaap_ReedeemableNoncontrollingInterestEquityCarryingAmount	us-gaap_	xbrl:monetaryItem	credit	instant	555										555
Increase (Decrease) in Stockholders' Equity (Roll Forward)	us-gaap_IncreaseDecreaseInStockholdersEquityRollForward	us-gaap_	xbrl:stringItem	na	duration											
Net loss attributable to common stock	us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic	us-gaap_	xbrl:monetaryItem	credit	duration	(3,553)		(3,553)			(3,553)					
Net income attributable to noncontrolling interest	us-gaap_NetIncomeLossAttributableToNoncontrollingInterest	us-gaap_	xbrl:monetaryItem	debit	duration								167	(334)		
Distributions to noncontrolling interest	us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders	us-gaap_	xbrl:monetaryItem	debit	duration	(305)						(305)				
Pension & Postretirement benefit plans, net of tax	us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax	us-gaap_	xbrl:monetaryItem	debit	duration	13				13	13					
Common dividends	us-gaap_DividendsCommonStockCash	us-gaap_	xbrl:monetaryItem	debit	duration	(376)		(376)			(376)					
Common stock activity, net	us-gaap_StockholdersEquityPeriodIncreaseDecrease	us-gaap_	xbrl:monetaryItem	na	duration	(21)	1	(22)			(21)					
Compensation expense	us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation	us-gaap_	xbrl:monetaryItem	credit	duration	61	61				61					
Other	us-gaap_StockholdersEquityOther	us-gaap_	xbrl:monetaryItem	debit	duration	1				2	(1)	1				
Ending balance at Dec. 31, 2019	us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbrl:monetaryItem	credit	instant	4,465	261	11,769	(5,601)	(3,190)	16	3,255	1,210			
Increase (Decrease) in Temporary Equity (Roll Forward)	us-gaap_IncreaseDecreaseInTemporaryEquityRollForward	us-gaap_	xbrl:stringItem	na	duration											
Net income attributable to Altus Preferred Unit limited partners	us-gaap_TemporaryEquityNetIncome	us-gaap_	xbrl:monetaryItem	credit	duration											76
Distributions to Altus Preferred Unit limited partners	us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders	us-gaap_	xbrl:monetaryItem	debit	duration								(91)	(5)	(23)	
Ending balance at Dec. 31, 2020	us-gaap_ReedeemableNoncontrollingInterestEquityCarryingAmount	us-gaap_	xbrl:monetaryItem	credit	instant	608										608
Increase (Decrease) in Stockholders' Equity (Roll Forward)	us-gaap_IncreaseDecreaseInStockholdersEquityRollForward	us-gaap_	xbrl:stringItem	na	duration											
Net loss attributable to common stock	us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic	us-gaap_	xbrl:monetaryItem	credit	duration	(4,860)		(4,860)			(4,860)					
Net income attributable to noncontrolling interest	us-gaap_NetIncomeLossAttributableToNoncontrollingInterest	us-gaap_	xbrl:monetaryItem	debit	duration								(121)	1		
Distributions to noncontrolling interest	us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders	us-gaap_	xbrl:monetaryItem	debit	duration								\$ (91)	\$ (5)	\$ (23)	
Pension & Postretirement benefit plans, net of tax	us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax	us-gaap_	xbrl:monetaryItem	debit	duration	(2)				(2)	(2)					
Common dividends	us-gaap_DividendsCommonStockCash	us-gaap_	xbrl:monetaryItem	debit	duration	(38)		(38)			(38)					
Common stock activity, net	us-gaap_StockholdersEquityPeriodIncreaseDecrease	us-gaap_	xbrl:monetaryItem	na	duration	(17)	1	(18)			(17)					
Compensation expense	us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation	us-gaap_	xbrl:monetaryItem	credit	duration	23	23				23					
Other	us-gaap_StockholdersEquityOther	us-gaap_	xbrl:monetaryItem	debit	duration	0	(1)			1	0					
Ending balance at Dec. 31, 2020	us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbrl:monetaryItem	credit	instant	\$ (645)	\$ 262	\$ 11,735	\$ (10,461)	\$ (3,189)	\$ 14	\$ (1,639)	\$ 994			

+ References + Details



## Cover - STATEMENT OF CONSOLIDATED CHANGES IN EQUITY (DEFICIT) AND NONCONTROLLING INTEREST (Parenthetical)

STATEMENT OF CONSOLIDATED CHANGES IN EQUITY (DEFICIT) AND NONCONTROLLING INTEREST (Parenthetical) - \$ / shares	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Statement of Stockholders' Equity [Abstract]</b>	us-gaap_StatementOfStockholdersEquityAbstract	us-gaap_	xbri:stringItemType	na	duration			
Common stock, dividends, per share (in USD per share)	us-gaap_CommonStockDividendsPerShareDeclared	us-gaap_	num:perShareItemType	na	duration	\$ 0.10	\$ 1.00	\$ 1.00

+ References + Details

## Cover - NATURE OF OPERATIONS

NATURE OF OPERATIONS	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
<b>Organization, Consolidation and Presentation of Financial Statements [Abstract]</b> Nature of Operations	us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract	us-gaap_	xbri:stringItemType	na	duration	<b><u>Nature of Operations</u></b>  Apache Corporation (Apache or the Company) is an independent energy company that explores for, develops, and produces natural gas, crude oil, and natural gas liquids. The Company's upstream business has exploration and production operations in three geographic areas: the United States (U.S.), Egypt, and offshore the U.K. in the North Sea (North Sea). Apache also has active exploration and planned appraisal operations ongoing in Suriname, as well as interests in other international locations that may, over time, result in reportable discoveries and development opportunities. Apache's midstream business is operated by Altus Midstream Company (Nasdaq: ALTM) through its subsidiary Altus Midstream LP (collectively, Altus). Altus owns, develops, and operates a midstream energy asset network in the Permian Basin of West Texas.  On January 4, 2021, Apache announced that its Board of Directors authorized the Company to proceed with the implementation of a holding company reorganization, in connection with which, Apache will create APA Corporation, a new holding company (APA). Upon completion of the holding company reorganization, Apache will be a wholly-owned subsidiary of APA, APA will be the successor issuer to
	us-gaap_NatureOfOperations	us-gaap_	nonnum:textBlockItemType	na	duration	

Apache pursuant to Rule 12g-3(a) under the Exchange, and APA will replace Apache as the public company trading on the Nasdaq Global Select Market under the ticker symbol "APA" (the Holding Company Reorganization). The Holding Company Reorganization has not yet been implemented, but it is expected to be completed during the first half of 2021.

+ References + Details



## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
Accounting Policies [Abstract]	us-gaap_AccountingPoliciesAbstract	us-gaap_	xbrli:stringItemType	na	duration	
SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES						<p>SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES</p> <p>Accounting policies used by Apache and its subsidiaries reflect industry practices and conform to accounting principles generally accepted in the U.S. (GAAP). The Company's financial statements for prior periods include reclassifications that were made to conform to the current-year presentation. Significant accounting policies are discussed below.</p> <p><b>Principles of Consolidation</b></p> <p>The accompanying consolidated financial statements include the accounts of Apache and its subsidiaries after elimination of intercompany balances and transactions. The Company's undivided interests in oil and gas exploration and production ventures and partnerships are proportionately consolidated.</p> <p>The Company consolidates all other investments in which, either through direct or indirect ownership, it has more than a 50 percent voting interest or controls the financial and operating decisions. Noncontrolling interests represent third-party ownership in the net assets of a consolidated subsidiary of Apache and are reflected separately in the Company's financial statements. Sinopec International Petroleum Exploration and Production Corporation (Sinopec) owns a one-third minority participation in Apache's Egypt oil and gas business as a noncontrolling interest, which is reflected as a separate component of equity in the Company's consolidated balance sheet.</p> <p>Additionally, third-party investors own a minority interest of approximately 21 percent of Altus Midstream Company (ALTM), which is reflected as a separate noncontrolling interest component of equity in Apache's consolidated balance sheet. ALTM qualifies as a variable interest entity (VIE) under GAAP. Apache consolidates the activities of ALTM because it has concluded that it has a controlling financial interest in ALTM and is the primary beneficiary of the VIE. On June 12, 2019, Altus Midstream LP issued and sold Series A Cumulative Redeemable Preferred Units (the Preferred Units) through a private offering that admitted additional limited partners with separate rights for the Preferred Unit holders. Refer to <a href="#">Note 13—Redeemable Noncontrolling Interest - Altus</a> for further detail.</p> <p>Investments in which the Company holds less than 50 percent of the voting interest are typically accounted for under the equity method of accounting, with the balance recorded separately as "Equity method interests" in the Company's consolidated balance sheet and as a component of "Other" under "Revenues and Other" in the Company's statement of consolidated operations. Refer to <a href="#">Note 6—Equity Method Interests</a> for further detail.</p> <p><b>Use of Estimates</b></p> <p>Preparation of financial statements in conformity with GAAP and disclosure of contingent assets and liabilities requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates on historical experience and various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about carrying values of assets and liabilities that are not readily apparent from other sources. The Company evaluates its estimates and assumptions on a regular basis. Actual results may differ from these estimates and assumptions used in preparation of the Company's financial statements and changes in these estimates are recorded when known. Significant estimates with regard to these financial statements include the estimates of fair value for long-lived assets (see "Fair Value Measurements" and "Property and Equipment" sections in this Note 1 below), the fair value determination of acquired assets and liabilities (see <a href="#">Note 2—Acquisitions and Divestitures</a>), the assessment of asset retirement obligations (see <a href="#">Note 8—Asset Retirement Obligation</a>), the estimate of income taxes (see <a href="#">Note 10—Income Taxes</a>), and the estimate of proved oil and gas reserves and related present value estimates of future net cash flows therefrom (see <a href="#">Note 18—Supplemental Oil and Gas Disclosures (Unaudited)</a>).</p> <p><b>Fair Value Measurements</b></p> <p>Certain assets and liabilities are reported at fair value on a recurring basis in Apache's</p>

consolidated balance sheet. Accounting Standards Codification (ASC) 820-10-35, "Fair Value Measurement" (ASC 820), provides a hierarchy that prioritizes and defines the types of inputs used to measure fair value. The fair value hierarchy gives the highest priority to Level 1 inputs, which consist of unadjusted quoted prices for identical instruments in active markets. Level 2 inputs consist of quoted prices for similar instruments. Level 3 valuations are derived from inputs that are significant and unobservable; hence, these valuations have the lowest priority.

The valuation techniques that may be used to measure fair value include a market approach, an income approach, and a cost approach. A market approach uses prices and other relevant information generated by market transactions involving identical or comparable assets or liabilities. An income approach uses valuation techniques to convert future amounts to a single present amount based on current market expectations, including present value techniques, option-pricing models, and the excess earnings method. The cost approach is based on the amount that currently would be required to replace the service capacity of an asset (replacement cost).

Recurring fair value measurements are presented in further detail in [Note 4—Derivative Instruments and Hedging Activities](#), [Note 9—Debt and Financing Costs](#), [Note 12—Retirement and Deferred Compensation Plans](#), and [Note 13—Redeemable Noncontrolling Interest - Altus](#).

The Company also uses fair value measurements on a nonrecurring basis when certain qualitative assessments of its assets indicate a potential impairment. The following table presents a summary of asset impairments recorded in connection with fair value assessments:

For the Year Ended December 31,			
2020	2019	2018	
(In millions)			
Oil and gas proved property	\$ 4,319	\$ 1,484	\$ 328
Gathering, processing, and transmission facilities	68	1,295	56
Equity method investment	—	—	113
Divested unproved properties and leasehold	—	149	10
Goodwill	87	—	—
Inventory and other	27	21	4
Total Impairments	<u>\$ 4,501</u>	<u>\$ 2,949</u>	<u>\$ 511</u>

For the year ended December 31, 2020, the Company recorded asset impairments totaling \$4.5 billion in connection with fair value assessments.

Given the crude oil price collapse on lower demand and economic activity resulting from the coronavirus disease 2019 (COVID-19) global pandemic and related governmental actions, the Company assessed its oil and gas property and gathering, processing, and transmission (GPT) facilities for impairment based on the net book value of its assets as of March 31, 2020. The Company recorded proved property impairments totaling \$3.9 billion, \$354 million, and \$7 million in the U.S., Egypt, and North Sea, respectively, all of which were impaired to their estimated fair values as a result of lower forecasted commodity prices, changes to planned development activity, and increasing market uncertainty. Impairments totaling \$68 million were similarly recorded for GPT facilities in Egypt. These impairments are discussed in further detail below in "Property and Equipment - Oil and Gas Property" and "Property and Equipment - Gathering, Processing, and Transmission Facilities."

The Company also performed an interim impairment analysis of the goodwill related to its Egypt reporting unit. Reductions in estimated net present value of expected future cash flows from oil and gas properties resulted in implied fair values below the carrying values of the Company's Egypt reporting unit. As a result of these assessments, the Company recognized non-cash impairments of the entire amount of recorded goodwill in the Egypt reporting unit of \$87 million in the first quarter of 2020.

During the remainder of 2020, the Company recorded additional proved property impairments totaling \$20 million in Egypt, as well as \$13 million for the early termination of drilling rig leases, \$5 million for inventory revaluations, and \$9 million of other asset impairments, all in the U.S.

During the fourth quarter of 2019, following a material reduction to planned investment in Apache's Alpine High development, the Company recorded impairments totaling \$1.4 billion for its Alpine High proved properties and upstream infrastructure which were written down to their fair values. Altus separately assessed its long-lived infrastructure assets for impairment based on expected reductions to future throughput volumes from Alpine High. Altus subsequently recorded impairments totaling \$1.3 billion on its GPT facilities. These impairments are discussed in further detail below in "Property and Equipment - Oil and Gas Property" and "Property and Equipment - Gathering, Processing, and

Transmission Facilities.”

Separate from the Company’s Alpine High and Altus impairments, Apache entered into agreements to sell certain of its assets in the western Anadarko Basin in Oklahoma and Texas. As a result of these agreements, a separate impairment analysis was performed for each of the assets within the disposal groups. The analyses were based on the agreed-upon proceeds less costs to sell for the transaction, a Level 1 fair value measurement. The carrying value of the net assets to be divested exceeded the fair value implied by the expected net proceeds, resulting in impairments in the second and fourth quarters of 2019 totaling \$255 million, including \$101 million on the Company’s proved properties, \$149 million on its unproved properties, and \$5 million on other working capital. For more information regarding this transaction, refer to [Note 2—Acquisitions and Divestitures](#).

For the year ended December 31, 2018, the Company recorded asset impairments totaling \$511 million in connection with fair value assessments. Impairments totaling \$328 million and \$56 million were recorded for proved properties, and a gathering and processing facility in Oklahoma, respectively, which were written down to their fair values associated with U.S. assets to be divested. During the third quarter of 2018, Apache agreed to sell certain of its unproved properties offshore the U.K. in the North Sea. As a result, the Company performed a fair value assessment of the properties and recorded a \$10 million impairment on the carrying values of the associated capitalized exploratory well costs. The fair value of the impaired assets was determined using the negotiated sales price, a Level 1 fair value measurement. Also in 2018, the Company recorded \$113 million for the impairment of an equity method investment in the U.S. based on a negotiated sales price and \$4 million for inventory write-downs in the U.S. for obsolescence.

#### **Cash and Cash Equivalents**

The Company considers all highly liquid short-term investments with a maturity of three months or less at the time of purchase to be cash equivalents. These investments are carried at cost, which approximates fair value. As of December 31, 2020 and 2019, the Company had \$262 million and \$247 million, respectively, of cash and cash equivalents, of which approximately \$24 million and \$6 million, respectively, was held by Altus. The Company had no restricted cash as of December 31, 2020 and 2019.

#### **Accounts Receivable and Allowance for Credit Losses**

Accounts receivable are stated at amortized cost net of an allowance for credit losses. The Company routinely assesses the collectability of its financial assets measured at amortized cost. In June 2016, the Financial Accounting Standards Board (FASB) issued ASU 2016-13, “Financial Instruments-Credit Losses.” The standard changes the impairment model for trade receivables, held-to-maturity debt securities, net investments in leases, loans, and other financial assets measured at amortized cost. This ASU requires the use of a new forward-looking “expected loss” model compared to the previous “incurred loss” model, resulting in accelerated recognition of credit losses. Apache adopted this update in the first quarter of 2020. This ASU primarily applies to the Company’s accounts receivable balances, of which the majority are received within a short-term period of one year or less. The Company monitors the credit quality of its counterparties through review of collections, credit ratings, and other analyses. The Company develops its estimated allowance for credit losses primarily using an aging method and analyses of historical loss rates as well as consideration of current and future conditions that could impact its counterparties’ credit quality and liquidity. The adoption and implementation of this ASU did not have a material impact on the Company’s financial statements.

The following table presents changes to the Company’s allowance for credit loss:

	<b>For the Year Ended December 31,</b>		
	<b>2020</b>	<b>2019</b>	<b>2018</b>
	<b>(In millions)</b>		
Allowance for credit loss at beginning of year	\$ 88	\$ 92	\$ 84
Additional provisions for the year	7	3	9
Uncollectible accounts written off, net of recoveries	—	(7)	(1)
Allowance for credit loss at end of year	<u>\$ 95</u>	<u>\$ 88</u>	<u>\$ 92</u>

#### **Inventories**

Inventories consist principally of tubular goods and equipment and are stated at the lower of weighted-average cost or net realizable value. Oil



produced but not sold, primarily in the North Sea, is also recorded to inventory and is stated at the lower of the cost to produce or net realizable value.

#### **Property and Equipment**

The carrying value of the Company's property and equipment represents the cost incurred to acquire the property and equipment, including capitalized interest, net of any impairments. For business combinations, property and equipment cost is based on the fair values at the acquisition date.

#### ***Oil and Gas Property***

The Company follows the successful efforts method of accounting for its oil and gas property. Under this method of accounting, exploration costs such as exploratory geological and geophysical costs, delay rentals, and exploration overhead are expensed as incurred. All costs related to production, general corporate overhead, and similar activities are expensed as incurred. If an exploratory well provides evidence to justify potential development of reserves, drilling costs associated with the well are initially capitalized, or suspended, pending a determination as to whether a commercially sufficient quantity of proved reserves can be attributed to the area as a result of drilling. This determination may take longer than one year in certain areas depending on, among other things, the amount of hydrocarbons discovered, the outcome of planned geological and engineering studies, the need for additional appraisal drilling activities to determine whether the discovery is sufficient to support an economic development plan, and government sanctioning of development activities in certain international locations. At the end of each quarter, management reviews the status of all suspended exploratory well costs in light of ongoing exploration activities; in particular, whether the Company is making sufficient progress in its ongoing exploration and appraisal efforts or, in the case of discoveries requiring government sanctioning, whether development negotiations are underway and proceeding as planned. If management determines that future appraisal drilling or development activities are unlikely to occur, associated suspended exploratory well costs are expensed.

Acquisition costs of unproved properties are assessed for impairment at least annually and are transferred to proved oil and gas properties to the extent the costs are associated with successful exploration activities. Significant undeveloped leases are assessed individually for impairment based on the Company's current exploration plans. Unproved oil and gas properties with individually insignificant lease acquisition costs are amortized on a group basis over the average lease term at rates that provide for full amortization of unsuccessful leases upon lease expiration or abandonment. Costs of expired or abandoned leases are charged to exploration expense, while costs of productive leases are transferred to proved oil and gas properties. Costs of maintaining and retaining unproved properties, as well as amortization of individually insignificant leases and impairment of unsuccessful leases, are included in exploration costs in the statement of consolidated operations.

Costs to develop proved reserves, including the costs of all development wells and related equipment used in the production of crude oil and natural gas, are capitalized. Depreciation of the cost of proved oil and gas properties is calculated using the unit-of-production (UOP) method. The UOP calculation multiplies the percentage of estimated proved reserves produced each quarter by the carrying value of associated proved oil and gas properties. The reserve base used to calculate depreciation for leasehold acquisition costs and the cost to acquire proved properties is the sum of proved developed reserves and proved undeveloped reserves. The reserve base used to calculate the depreciation for capitalized well costs is the sum of proved developed reserves only. Estimated future dismantlement, restoration and abandonment costs, net of salvage values, are included in the depreciable cost.

Oil and gas properties are grouped for depreciation in accordance with ASC 932 "Extractive Activities—Oil and Gas." The basis for grouping is a reasonable aggregation of properties with a common geological structural feature or stratigraphic condition, such as a reservoir or field.

When circumstances indicate that the carrying value of proved oil and gas properties may not be recoverable, the Company compares unamortized capitalized costs to the expected undiscounted pre-tax future cash flows for the associated assets grouped at the lowest level for which identifiable cash flows are independent of cash flows of other assets. If the expected undiscounted pre-tax future cash flows, based on Apache's estimate of future crude oil and natural gas prices, operating costs, anticipated production from proved reserves and other relevant data, are lower than the unamortized capitalized cost, the capitalized cost is reduced to fair value. Fair value is generally estimated using the income approach described in ASC 820. The expected future cash

flows used for impairment reviews and related fair value calculations are typically based on judgmental assessments, a Level 3 fair value measurement.

The significant decline in crude oil and natural gas prices, as well as longer-term commodity price outlooks, related to reduced demand for oil and natural gas as a result of the COVID-19 pandemic and related governmental actions indicated possible impairment of the Company's proved and unproved oil and gas properties in early 2020. In addition to estimating risk-adjusted reserves and future production volumes, estimated future commodity prices are the largest driver in variability of undiscounted pre-tax cash flows. Expected cash flows were estimated based on management's views of published West Texas Intermediate (WTI), Brent, and Henry Hub forward pricing as of the balance sheet dates. Other significant assumptions and inputs used to calculate estimated future cash flows include estimates for future development activity, exploration plans and remaining lease terms. A 10 percent discount rate, based on a market-based weighted-average cost of capital estimate, was applied to the undiscounted cash flow estimate to value all of the Company's asset groups that were subject to impairment charges in 2020. Similar assumptions were applied to impairments recorded in 2019 and 2018.

The following table represents non-cash impairments charges of the carrying value of the Company's proved and unproved properties:

For the Year Ended December 31,			
	2020	2019	2018
(In millions)			
Proved properties:			
U.S.	\$ 3,938	\$ 1,484	\$ 265
Egypt	374	—	63
North Sea	7	—	—
Total proved properties	<u>\$ 4,319</u>	<u>\$ 1,484</u>	<u>\$ 328</u>
Unproved properties:			
U.S.	\$ 92	\$ 760	\$ 96
Egypt	8	8	—
North Sea	1	—	128
Total unproved properties	<u>\$ 101</u>	<u>\$ 768</u>	<u>\$ 224</u>

Proved properties impaired had aggregate fair values as of the most recent date of impairment of \$1.9 billion and \$628 million for 2020 and 2019, respectively.

Unproved leasehold impairments are typically recorded as a component of "Exploration" expense in the Company's statement of consolidated operations. However, in 2019, unproved impairments of \$149 million were recorded as a component of "Impairments" in connection with an agreement to sell certain non-core leasehold properties in Oklahoma and Texas. In addition, in 2018, unproved impairments of \$10 million were recorded as a component of "Impairments" in connection with an agreement to sell certain unproved properties in the North Sea.

Gains and losses on divestitures of the Company's oil and gas properties are recognized in the statement of consolidated operations upon closing of the transaction. Refer to [Note 2—Acquisitions and Divestitures](#) for more detail.

#### ***Gathering, Processing, and Transmission Facilities***

GPT facilities totaled \$670 million and \$799 million at December 31, 2020 and 2019, respectively, with accumulated depreciation for these assets totaling \$323 million and \$310 million for the respective periods. GPT facilities are depreciated on a straight-line basis over the estimated useful lives of the assets. The estimation of useful life takes into consideration anticipated production lives from the fields serviced by the GPT assets, whether Apache-operated or third party-operated, as well as potential development plans by the Company for undeveloped acreage within or in close proximity to those fields.

The Company assesses the carrying amount of its GPT facilities whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. If the carrying amount of these facilities is more than the sum of the undiscounted cash flows, an impairment loss is recognized for the excess of the carrying value over its fair value.

Apache assessed its long-lived infrastructure assets for impairment at March 31, 2020, and recorded an impairment of \$68 million on its GPT facilities in Egypt during the first quarter of 2020. The fair values of the impaired assets, which were determined to be \$46 million, were estimated using the income approach, which considers internal estimates based on future throughput volumes from applicable development concessions in Egypt and estimated costs to operate. These assumptions were applied based on throughput assumptions developed in relation to the oil and gas proved property impairment assessment as

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duration

discussed above to develop future cash flow projections that were then discounted to estimated fair value, using a 10 percent discount rate, based on a market-based weighted-average cost of capital estimate. Apache has classified these non-recurring fair value measurements as Level 3 in the fair value hierarchy.

As discussed under “Fair Value Measurements” above, the Company decided to materially reduce its planned investment in the Alpine High play during its fourth-quarter 2019 capital planning review. Altus management subsequently assessed its long-lived infrastructure assets for impairment given the expected reduction to future throughput volumes and recorded impairments of \$1.3 billion on its gathering, processing, and transmission assets. The fair values of the impaired assets were determined to be \$203 million as of the time of the impairment and were estimated using the income approach. The income approach considered internal estimates of future throughput volumes, processing rates, and costs. These assumptions were applied to develop future cash flow projections that were then discounted to estimated fair value, using discount rates believed to be consistent with those applied by market participants. Apache has classified these non-recurring fair value measurements as Level 3 in the fair value hierarchy.

During 2018, the Company recorded impairments of the entire net book value of certain GPT assets in the U.S. in the amount of \$56 million associated with a proposed divestiture package.

The costs of GPT assets sold or otherwise disposed of and associated accumulated depreciation are removed from Apache’s consolidated financial statements, and the resulting gain or loss is reflected in “Gain on divestitures” under “Revenues and Other” in the Company’s statement of consolidated operations. A \$2 million loss was recorded on the sale of power generators during 2020, and no gain or loss on the sales of GPT facilities was recognized during 2019 or 2018.

#### ***Other Property and Equipment***

Other property and equipment includes computer software and equipment, buildings, vehicles, furniture and fixtures, land, and other equipment. These assets are depreciated on a straight-line basis over the estimated useful lives of the assets, which range from 3 to 20 years. Other property and equipment totaled \$1.1 billion at each of December 31, 2020 and 2019, with accumulated depreciation for these assets totaling \$864 million and \$817 million at December 31, 2020 and 2019, respectively.

#### ***Asset Retirement Costs and Obligations***

The initial estimated asset retirement obligation related to property and equipment and subsequent revisions are recorded as a liability at fair value, with an offsetting asset retirement cost recorded as an increase to the associated property and equipment on the consolidated balance sheet. Revisions in estimated liabilities can result from changes in estimated inflation rates, changes in service and equipment costs and changes in the estimated timing of an asset’s retirement. Asset retirement costs are depreciated using a systematic and rational method similar to that used for the associated property and equipment. Accretion expense on the liability is recognized over the estimated productive life of the related assets.

#### ***Capitalized Interest***

For significant projects, interest is capitalized as part of the historical cost of developing and constructing assets. Significant oil and gas investments in unproved properties actively being explored, significant exploration and development projects that have not commenced production, significant midstream development activities that are in progress, and investments in equity method affiliates that are undergoing the construction of assets that have not commenced principal operations qualify for interest capitalization. Interest is capitalized until the asset is ready for service. Capitalized interest is determined by multiplying the Company’s weighted-average borrowing cost on debt by the average amount of qualifying costs incurred. Once an asset subject to interest capitalization is completed and placed in service, the associated capitalized interest is expensed through depreciation.

#### **Goodwill**

Goodwill represents the excess of the purchase price of an entity over the estimated fair value of the assets acquired and liabilities assumed, and it is recorded in “Deferred charges and other” in the Company’s consolidated balance sheet. The Company assesses the carrying amount of goodwill by testing for impairment annually and when impairment indicators arise. The impairment test requires allocating goodwill and all other assets and liabilities to assigned reporting units. Apache assesses each country as a reporting unit, with Egypt being the only reporting unit to have associated goodwill. The fair value of the reporting

unit is determined and compared to the book value of the reporting unit. If the fair value of the reporting unit is less than the book value, including goodwill, then goodwill is written down to its implied fair value through a charge to expense.

When there is a disposal of a reporting unit or a portion of a reporting unit that constitutes a business, goodwill associated with that business is included in the carrying amount to determine the gain or loss on disposal. The amount of goodwill allocated to the carrying amount of a business can significantly impact the amount of gain or loss recognized on the sale of that business. The amount of goodwill to be included in that carrying amount is based on the relative fair value of the business to be disposed of and the portion of the reporting unit that will be retained.

The following presents the changes to goodwill for the years ended 2020, 2019, and 2018:

	<b>Egypt</b>	<b>Total</b>
	<b>(In millions)</b>	
Goodwill at December 31, 2017	\$ 87	\$ 87
Impairments	—	—
Goodwill at December 31, 2018	87	87
Impairments	—	—
Goodwill at December 31, 2019	87	87
Impairments	(87)	(87)
Goodwill at December 31, 2020	\$ —	\$ —

Reductions in estimated net present value of expected future cash flows from oil and gas properties resulted in implied fair values below the carrying values of the Company's Egypt reporting unit. As a result of these assessments, the Company recognized non-cash impairments of the entire amount of recorded goodwill in the Egypt reporting unit of \$87 million. This goodwill impairment has been recorded in "Impairments" in the Company's statement of consolidated operations.

#### **Commitments and Contingencies**

Accruals for loss contingencies arising from claims, assessments, litigation, environmental and other sources are recorded when it is probable that a liability has been incurred and the amount can be reasonably estimated. These accruals are adjusted as additional information becomes available or circumstances change. For more information regarding loss contingencies, refer to [Note 11—Commitments and Contingencies](#).

#### **Revenue Recognition**

The years ended 2019 and 2018 include the reclassification of \$176 million and \$357 million, respectively, from "Other" to "Purchased oil and gas sales," both within "Revenues and Other" and the respective associated \$142 million and \$340 million purchased oil and gas costs from "Other" within "Revenues and Other" to "Purchased oil and gas costs" within "Operating Expenses" on the Company's consolidated statement of operations to conform to the current-year presentation.

#### ***Upstream***

The Company's upstream oil and gas segments primarily generate revenue from contracts with customers from the sale of its crude oil, natural gas, and natural gas liquids production volumes. In addition to Apache-related production volumes, the Company also sells commodity volumes purchased from third-parties to fulfill sales obligations and commitments as the Company's production fluctuates with potential operational issues and changes to development plans. Under these short-term commodity sales contracts, the physical delivery of each unit of quantity represents a single, distinct performance obligation on behalf of the Company. Contract prices are determined based on market-indexed prices, adjusted for quality, transportation, and other market-reflective differentials. Revenue is measured by allocating an entirely variable market price to each performance obligation and recognized at a point in time when control is transferred to the customer. The Company considers a variety of facts and circumstances in assessing the point of control transfer, including but not limited to: whether the purchaser can direct the use of the hydrocarbons, the transfer of significant risks and rewards, and the Company's right to payment. Control typically transfers to customers upon the physical delivery at specified locations within each contract and the transfer of title.

The Company's Egypt operations are conducted pursuant to production sharing contracts under which the contractor partners (Contractors) pay all operating and capital costs for exploring and developing defined concessions. A percentage of the production, generally up to 40 percent, is available to Contractors to recover these operating and capital costs over contractually defined periods. The balance of the production is split among the Contractors and the Egyptian General Petroleum Corporation (EGPC) on a contractually defined basis. Additionally, the Contractors' income taxes, which remain the



liability of the Contractors under domestic law, are paid by EGPC on behalf of the Contractors out of EGPC's production entitlement. Income taxes paid to the Arab Republic of Egypt on behalf of Apache as Contractor are recognized as oil and gas sales revenue and income tax expense and reflected as production and estimated reserves. Revenues related to Egypt's tax volumes are considered revenue from a non-customer.

Refer to [Note 17—Business Segment Information](#) for a disaggregation of revenue by product and reporting segment.

#### ***Altus Midstream***

The Company's Altus Midstream segment is operated by ALTM, through its subsidiary, Altus Midstream LP (collectively, Altus). Altus generates revenue from contracts with customers from its gathering, compression, processing, and transmission services provided on Apache's natural gas and natural gas liquid production volumes. Under these long-term commercial service contracts, providing the related service represents a single, distinct performance obligation on behalf of Altus that is satisfied over time. In accordance with the terms of these agreements, Altus receives a fixed fee for each contract year, subject to yearly fee escalation recalculations. Revenue is measured using the output method and recognized in the amount to which Altus has the right to invoice, as performance completed to date corresponds directly with the value to its customers. For the periods presented, Altus Midstream segment revenues were primarily attributable to sales between Altus and Apache, which are fully eliminated upon consolidation.

#### ***Payment Terms and Contract Balances***

Payments under all contracts with customers are typically due and received within a short-term period of one year or less, after physical delivery of the product or service has been rendered. Receivables from contracts with customers, net of allowance for credit losses, totaled \$670 million and \$945 million as of December 31, 2020 and 2019, respectively.

In accordance with the provisions of ASC 606, "Revenue from Contracts with Customers," variable market prices for each short-term commodity sale are allocated entirely to each performance obligation as the terms of payment relate specifically to the Company's efforts to satisfy its obligations. As such, the Company has elected the practical expedients available under the standard to not disclose the aggregate transaction price allocated to unsatisfied, or partially unsatisfied, performance obligations as of the end of the reporting period.

#### ***Derivative Instruments and Hedging Activities***

Apache periodically enters into derivative contracts to manage its exposure to commodity price, interest rate, and/or foreign exchange risk. These derivative contracts, which are generally placed with major financial institutions, may take the form of forward contracts, futures contracts, swaps, or options.

All derivative instruments, other than those that meet the normal purchases and sales exception, are recorded on the Company's consolidated balance sheet as either an asset or liability measured at fair value. The Company does not apply hedge accounting to any of its derivative instruments. As a result, gains and losses from the change in fair value of derivative instruments are reported in current-period income as "Derivative instrument losses, net" under "Revenues and Other" in the statement of consolidated operations. Refer to [Note 4—Derivative Instruments and Hedging Activities](#) for further information.

#### ***Income Taxes***

Apache records deferred tax assets and liabilities to account for the expected future tax consequences of events that have been recognized in the financial statements and tax returns. The Company routinely assesses the ability to realize its deferred tax assets. If the Company concludes that it is more likely than not that some or all of the deferred tax assets will not be realized, the tax asset is reduced by a valuation allowance. Numerous judgments and assumptions are inherent in the determination of future taxable income, including factors such as future operating conditions (particularly as related to prevailing oil and gas prices) and changing tax laws.

#### ***Earnings Per Share***

The Company's basic earnings per share (EPS) amounts have been computed based on the weighted-average number of shares of common stock outstanding for the period. Diluted EPS reflects potential dilution, using the treasury stock method, which assumes that options were exercised and restricted stock was fully vested. The Company uses the "if-converted method" to determine the potential dilutive effect of an assumed exchange of the outstanding Preferred Units of Altus Midstream for shares of Altus.

common stock. The impact to net income (loss) attributable to common stock on an assumed conversion of the redeemable noncontrolling Preferred Units interest in Altus Midstream LP were anti-dilutive for the years ended December 31, 2020 and 2019.

#### **Stock-Based Compensation**

Apache grants various types of stock-based awards including stock options, restricted stock, cash-settled restricted stock units, and performance-based awards. Stock compensation equity awards granted are valued on the date of grant and are expensed over the required vesting service period. Cash-settled awards are recorded as a liability based on the Company's stock price and remeasured at the end of each reporting period over the vesting terms. The Company has elected to account for forfeitures as they occur rather than estimate expected forfeitures. The Company's stock-based compensation plans and related accounting policies are defined and described more fully in [Note 14—Capital Stock](#).

#### **Treasury Stock**

The Company follows the weighted-average-cost method of accounting for treasury stock transactions.

#### **Transaction, Reorganization, and Separation (TRS)**

In recent years, the Company streamlined its portfolio through strategic divestitures and centralized certain operational activities in an effort to capture greater efficiencies and cost savings through shared services. In light of the continued streamlining of the Company's asset portfolio through divestitures and strategic transactions, in late 2019 management initiated a comprehensive redesign of Apache's organizational structure and operations. Reorganization efforts were substantially completed during 2020. Apache has incurred a cumulative total of \$79 million of reorganization costs through December 31, 2020, all of which were paid in 2020.

The Company recorded \$54 million, \$50 million, and \$28 million of TRS costs in 2020, 2019, and 2018, respectively. TRS costs incurred in 2020 relate to \$51 million of separation costs associated with the reorganization, \$2 million for transaction consulting fees, and \$1 million of office closure costs. TRS costs incurred in 2019 associated with the reorganization include \$26 million and \$2 million for employee termination benefits and consulting fees related to the reorganization, respectively. The Company also incurred \$15 million of expenses for employee termination benefits and office closures associated with other reorganization efforts and \$7 million for consulting and legal fees on various transactions throughout 2019. Charges for 2018 include \$22 million for consulting and legal fees related to divestitures and the Altus transaction, and \$6 million related to employee separations.

#### **New Pronouncements Issued But Not Yet Adopted**

In October 2020, the FASB issued ASU 2020-10, "Codification Improvements," which clarifies or improves disclosure requirements for various topics to align with Securities and Exchange Commission (SEC) regulations. This update is effective for the Company beginning in the first quarter of 2021 and will be applied retrospectively. The adoption and implementation of this ASU will not have a material impact on the Company's financial statements.

In August 2020, the FASB issued ASU 2020-06, "Debt-Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging-Contracts in Entity's Own Equity (Subtopic 815-40)" to improve financial reporting associated with the accounting for convertible instruments and contracts in an entity's own equity. This update is effective for the Company beginning in the first quarter of 2022, with early adoption permitted, using either the modified or fully retrospective method with a cumulative effect adjustment to the opening balance of retained earnings. The Company is evaluating the effect of adoption of the ASU and does not believe it will have a material impact on its financial statements.

In March 2020, the FASB issued ASU 2020-04, "Reference Rate Reform (Topic 848)," which provides optional expedients and exceptions for applying U.S. GAAP to contracts, hedging relationships, and other transactions affected by the discontinuation of the London Interbank Offered Rate (LIBOR) or by another reference rate expected to be discontinued. In January 2021, the FASB issued ASU 2021-01, which clarified the scope and application of the original guidance. The guidance was effective beginning March 12, 2020 and can be applied prospectively through December 31, 2022. The Company is evaluating whether to apply any of these expedients and, if elected, will adopt these standards when LIBOR is discontinued.

+ Details

## Cover - ACQUISITIONS AND DIVESTITURES

ACQUISITIONS AND DIVESTITURES	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
<b>Business Combinations [Abstract]</b> ACQUISITIONS AND DIVESTITURES	us-gaap_BusinessCombinationsAbstract	us-gaap_	xbri:stringItemType	na	duration	ACQUISITIONS AND DIVESTITURES  <u>2020 Activity</u>  During 2020, the Company completed leasehold and property acquisitions, primarily in the Permian Basin, for total cash consideration of \$4 million. Also during 2020, the Company completed the sale of certain non-core assets and leasehold, primarily in the Permian Basin, in multiple transactions for total cash proceeds of \$87 million, and recognized a gain of \$13 million.  <u>2019 Activity</u>  <i>U.S. Divestitures</i>  In the third quarter of 2019, Apache completed the sale of non-core assets in the western Anadarko Basin of Oklahoma and Texas for aggregate cash proceeds of approximately \$322 million and the assumption of asset retirement obligations of \$49 million. These assets met the criteria to be classified as held for sale in the second quarter of 2019. Accordingly, the Company performed a fair value assessment of the assets and recorded impairments of \$240 million to the carrying value of proved and unproved oil and gas properties, other fixed assets, and working capital. The transaction closed in the third quarter of 2019, and the Company recognized a \$7 million loss in



connection with the sale.

In the second quarter of 2019, Apache completed the sale of certain non-core assets in Oklahoma that had a net carrying value of \$206 million for aggregate cash proceeds of approximately \$223 million. The Company recognized a \$17 million gain in connection with the sale.

During 2019, the Company also completed the sale of certain other non-core producing assets, GPT assets, and leasehold acreage, primarily in the Permian Basin, in multiple transactions for total cash proceeds of \$73 million. The Company recognized a net gain of approximately \$33 million upon closing of these transactions.

***Suriname  
Joint Venture  
Agreement***

In December 2019, Apache entered into a joint venture agreement with Total S.A. to explore and develop Block 58 offshore Suriname. Under the terms of the agreement, Apache and Total S.A. each hold a 50 percent working interest in Block 58. Pursuant to the agreement, Apache operated the drilling of the first four wells, the Mak Central-1, Sapakara West-1, Kwaskwasi-1, and Keskesi East-1, and subsequently transferred operatorship of Block 58 to Total S.A. on January 1, 2021. Apache will continue to operate the Keskesi exploration well until completion of drilling operations.

In connection with the agreement,

		<p>Apache received \$100 million from Total S.A. upon closing in the fourth quarter of 2019 and \$79 million upon satisfying certain closing conditions in the first quarter of 2020 for reimbursement of 50 percent of all costs incurred on Block 58 as of December 31, 2019. All proceeds were applied against the carrying value of the Company's Suriname properties and associated inventory. The Company recognized a \$19 million gain in the first quarter of 2020 associated with the transaction.</p>
us-gaap_BusinessCombinationDisclosureTextBlock	us-gaap_nonnum:textBlockItemType na duration	<p>Apache will also receive various other forms of consideration, including \$5.0 billion of cash carry on Apache's first \$7.5 billion of appraisal and development capital, 25 percent cash carry on all of Apache's appraisal and development capital beyond the first \$7.5 billion, a \$75 million cash payment upon achieving first oil production, and future contingent royalty payments from successful joint development projects.</p> <p><b><i>Leasehold, Property, and Other Acquisitions</i></b></p> <p>During 2019, the Company completed leasehold and property acquisitions, primarily in the Permian Basin, for total cash consideration of \$40 million.</p> <p>As part of the Altus transaction described below, Apache contributed options (Pipeline Options) to acquire equity interests in five separate third-party pipeline projects (the</p>

Equity Method Interest Pipelines) to Altus Midstream and/or its subsidiaries. As of December 31, 2019, four of the five Pipeline Options had been exercised to acquire various ownership interests in the associated Equity Method Interest Pipelines. The fifth Pipeline Option to acquire an equity interest in a separate intra-basin NGL pipeline was not exercised and expired on March 2, 2020. For discussion of the Equity Method Interest Pipelines, refer to [Note 6—Equity Method Interests](#).

#### **2018 Activity**

##### ***Altus Transaction***

In November 2018, Apache completed a transaction with Altus Midstream Company to create a pure-play, Permian Basin midstream C-corporation anchored by the Company's GPT assets at Alpine High. Pursuant to the agreement, the Company contributed certain Alpine High midstream assets and the Pipeline Options to Altus and/or its subsidiaries. Altus Midstream Company contributed approximately \$628 million of cash, net of transaction expenses. The transaction was accounted for by Altus as a reverse recapitalization. Under this method of accounting, Altus Midstream Company was treated as the "acquired" company, and Apache's contributed assets of approximately \$1.1 billion remained at historical cost, with no goodwill or other intangible assets recorded. Apache owns an approximate 79

percent ownership interest in Altus.

Apache fully consolidates the assets and liabilities of Altus in its consolidated financial statements, with a corresponding noncontrolling interest reflected separately. Apache recorded a noncontrolling interest of \$406 million upon closing, which is reflected as a separate component of equity in the Company's consolidated balance sheet. This represents approximately 21 percent third party ownership of the net assets in Altus at the time of the transaction. The cash contributions in excess of the noncontrolling interest were recognized as additional paid-in capital.

**Other Activity**

During 2018, the Company completed the sale of certain non-core assets and leasehold, primarily in the North Sea and Permian Basin, in multiple transactions for total cash proceeds of \$138 million. The Company recognized gains of approximately \$23 million during 2018 upon the closing of these transactions.

During 2018, the Company completed leasehold and property acquisitions, primarily in the Permian Basin, for cash proceeds of \$133 million.

+ References + Details



## Cover - CAPITALIZED EXPLORATORY WELL COSTS

CAPITALIZED EXPLORATORY WELL COSTS	XBRL Details					12 Months Ended																																															
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																															
Extractive Industries [Abstract]	srt_ExtractiveIndustriesAbstract	srt_	xbri:stringItemType	na	duration																																																
CAPITALIZED EXPLORATORY WELL COSTS						CAPITALIZED EXPLORATORY WELL COSTS																																															
						The following summarizes the changes in capitalized exploratory well costs for the years ended December 31, 2020, 2019, and 2018. Additions pending the determination of proved reserves excludes amounts capitalized and subsequently charged to expense within the same year.																																															
						<table><tr><th colspan="4">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th><th></th></tr><tr><th colspan="5">(In millions)</th></tr><tr><td>Capitalized well costs at beginning of year</td><td>\$ 141</td><td>\$ 159</td><td>\$ 350</td><td></td></tr><tr><td>Additions pending determination of proved reserves</td><td>226</td><td>286</td><td>602</td><td></td></tr><tr><td>Divestitures and other</td><td>(38)</td><td>(100)</td><td>(82)</td><td></td></tr><tr><td>Reclassifications to proved properties</td><td>(56)</td><td>(179)</td><td>(647)</td><td></td></tr><tr><td>Charged to exploration expense</td><td>(76)</td><td>(25)</td><td>(64)</td><td></td></tr><tr><td>Capitalized well costs at end of year</td><td>\$ 197</td><td>\$ 141</td><td>\$ 159</td><td></td></tr></table>				For the Year Ended December 31,					2020	2019	2018		(In millions)					Capitalized well costs at beginning of year	\$ 141	\$ 159	\$ 350		Additions pending determination of proved reserves	226	286	602		Divestitures and other	(38)	(100)	(82)		Reclassifications to proved properties	(56)	(179)	(647)		Charged to exploration expense	(76)	(25)	(64)		Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159	
For the Year Ended December 31,																																																					
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Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159																																																		
						The following provides an aging of capitalized exploratory well costs and the number of projects for which exploratory well costs have been capitalized for a period greater than one year since the completion of drilling as of December 31:																																															
						<table><tr><th></th><th>2020</th><th>2019</th><th>2018</th><th></th></tr><tr><th colspan="5">(In millions)</th></tr><tr><td>Exploratory well costs capitalized for a period of one year or less</td><td>\$ 184</td><td>\$ 108</td><td>\$ 126</td><td></td></tr><tr><td>Exploratory well costs capitalized for a period greater than one year</td><td>13</td><td>33</td><td>33</td><td></td></tr><tr><td>Capitalized well costs at end of year</td><td>\$ 197</td><td>\$ 141</td><td>\$ 159</td><td></td></tr></table>					2020	2019	2018		(In millions)					Exploratory well costs capitalized for a period of one year or less	\$ 184	\$ 108	\$ 126		Exploratory well costs capitalized for a period greater than one year	13	33	33		Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159																				
	2020	2019	2018																																																		
(In millions)																																																					
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Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159																																																		
						Number of projects with exploratory well costs capitalized for a period greater than one year																																															
						522																																															
						Suspended exploratory well costs capitalized for a period greater than one year since the completion of drilling at December 31, 2020, relate to onshore projects in Egypt. Drilling activity and testing has continued for these projects throughout 2020, and these projects are currently being evaluated for potential development.																																															
						Suspended exploratory well costs capitalized for a period greater than one year since the completion of drilling at December 31, 2019, relate to separate onshore projects in the United States and Egypt. The costs related to the U.S. projects were charged to exploration expense in the current year based on management's assessment and development efforts through year end.																																															
						Suspended exploratory well costs capitalized for a period greater than one year since the completion of drilling at December 31, 2018, included \$28 million related to exploratory drilling in Suriname. In December 2019, Apache entered into the joint venture agreement with Total S.A., pursuant to which Apache sold 50 percent of its ownership interest in Block 58 to Total S.A. Proceeds received from Total S.A. upon closing were applied against the carrying value of its Suriname properties.																																															
						The following table summarizes aging by geographic area of those exploratory well costs that, as of December 31, 2020, have been capitalized for a period greater than one year, categorized by the year in which drilling was completed:																																															
						<table><tr><th></th><th>Total</th><th>2019</th><th>2018</th><th>2017 and Prior</th></tr><tr><th colspan="5">(In millions)</th></tr><tr><td>Egypt</td><td>\$ 13</td><td>\$ 4</td><td>\$ 9</td><td>\$ —</td></tr><tr><td></td><td>\$ 13</td><td>\$ 4</td><td>\$ 9</td><td>\$ —</td></tr></table>					Total	2019	2018	2017 and Prior	(In millions)					Egypt	\$ 13	\$ 4	\$ 9	\$ —		\$ 13	\$ 4	\$ 9	\$ —																								
	Total	2019	2018	2017 and Prior																																																	
(In millions)																																																					
Egypt	\$ 13	\$ 4	\$ 9	\$ —																																																	
	\$ 13	\$ 4	\$ 9	\$ —																																																	

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## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
Derivative Instruments and Hedging Activities Disclosure [Abstract]	us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration	
DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES	DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES					
<u>Objectives and Strategies</u>						
Apache is exposed to fluctuations in crude oil and natural gas prices on the majority of its worldwide production, as well as transactions denominated in foreign currencies. The Company manages the variability in its cash flows by occasionally entering into derivative transactions on a portion of its crude oil and natural gas production and foreign currency transactions. The Company utilizes various types of derivative financial instruments, including forward contracts, futures contracts, swaps, and options, to manage fluctuations in cash flows resulting from changes in commodity prices or foreign currency values.						
<u>Counterparty Risk</u>						
The use of derivative instruments exposes the Company to credit loss in the event of nonperformance by the counterparty. To reduce the concentration of exposure to any individual counterparty, Apache utilizes a diversified group of investment-grade rated counterparties, primarily financial institutions, for its derivative transactions. As of December 31, 2020, the Company had derivative positions with six counterparties. The Company monitors counterparty creditworthiness on an ongoing basis; however, it cannot predict sudden changes in counterparties' creditworthiness. In addition, even if such changes are not sudden, the Company may be limited in its ability to mitigate an increase in counterparty credit risk. Should one of these counterparties not perform, Apache may not realize the benefit of some of its derivative instruments resulting from changes in commodity prices, currency exchange rates, or interest rates.						
<u>Derivative Instruments</u>						
<u>Commodity Derivative Instruments</u>						
As of December 31, 2020, the Company had the following open natural gas financial basis swap contracts:						

A one percent increase in the imputed interest rate assumption would significantly increase the value of the embedded derivative as of December 31, 2020, while a one percent decrease would lead to a similar decrease in value as of December 31, 2020. The assumed expected timing until exercise of the exchange option at December 31, 2020 was 5.45 years.

#### **Derivative Activity Recorded in the Consolidated Balance Sheet**

All derivative instruments are reflected as either assets or liabilities at fair value in the consolidated balance sheet. These fair values are recorded by netting asset and liability positions where counterparty master netting arrangements contain provisions for net settlement. The carrying value of the Company's derivative assets and liabilities and their locations on the consolidated balance sheet are as follows:

	2020	2019
	(In millions)	
Current Assets: Other current assets	\$ 6	\$ 2
Noncurrent Assets: Deferred charges and other	5	7
Total derivative assets	\$ 11	\$ 9
Deferred Credits and Other Noncurrent Liabilities: Other	\$ 192	\$ 103
Total derivative liabilities	\$ 192	\$ 103

#### **Derivative Activity Recorded in the Statement of Consolidated Operations**

The following table summarizes the effect of derivative instruments on the Company's statement of consolidated operations:

	For the Year Ended December 31,		
	2020	2019	2018
	(In millions)		
Realized:			
Commodity derivative instruments	\$ (135)	\$ 27	\$ (81)
Amortization of put premium, realized loss	—	—	(39)
Foreign currency derivative instruments	(1)	—	—
Treasury-lock	—	(18)	—
Realized gain (loss), net	(136)	9	(120)
Unrealized:			
Commodity derivative instruments	11	(44)	103
Pipeline capacity embedded derivatives	(61)	8	—
Foreign currency derivative instruments	(1)	1	—
Preferred Units embedded derivative	(36)	(9)	—
Unrealized gain (loss), net	(87)	(44)	103
Derivative instrument losses, net	\$ (223)	\$ (35)	\$ (17)

Derivative instrument gains and losses are recorded in "Derivative instrument losses, net" under "Revenues and Other" in the Company's statement of consolidated operations. Unrealized gains (losses) for derivative activity recorded in the statement of consolidated operations are reflected in the statement of consolidated cash flows separately as "Unrealized derivative instrument losses (gains), net" in "Adjustments to reconcile net loss to net cash provided by operating activities."

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Cover - OTHER CURRENT ASSETS

OTHER CURRENT ASSETS	XBRL Details					12 Months Ended	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	
Deferred Costs, Capitalized, Prepaid, and Other Assets Disclosure [Abstract]	us-gaap_DeferredCostsCapitalizedPrepaidAndOtherAssetsDisclosureAbstract	us-gaap_	xbrli:stringItemType	na	duration		
OTHER CURRENT ASSETS						OTHER CURRENT ASSETS	
						The following table provides detail of the Company's other current assets as of December 31:	
						<b>2020 2019</b>	
						<b>(In millions)</b>	
						Inventories	\$492 \$502
						Drilling advances	113 92
						Prepaid assets and other	71 58
						Total Other current assets	\$676 \$652

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## Cover - EQUITY METHOD INTERESTS

EQUITY METHOD INTERESTS	XBRL Details					12 Months Ended	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	
Equity Method Investments and Joint Ventures [Abstract]	us-gaap_EquityMethodInvestmentsAndJointVenturesAbstract	us-gaap_	xbri:stringItemType	na	duration		
EQUITY METHOD INTERESTS							

EQUITY METHOD INTERESTS

As of December 31, 2020 and 2019, Apache, through its ownership of Altus, has the following equity method interests in four Permian Basin long-haul pipeline entities, which are accounted for under the equity method of accounting. For each of the equity method interests, Altus has the ability to exercise significant influence based on certain governance provisions and its participation in activities and decisions that impact the management and economic performance of the equity method interests.

	Interest	2020	2019
	(In millions)		
Gulf Coast Express Pipeline LLC	16.0 %	\$ 284	\$ 291
EPIC Crude Holdings, LP	15.0 %	176	163
Permian Highway Pipeline LLC	26.7 %	615	311
Shin Oak Pipeline (Breviloba, LLC)	33.0 %	480	493
Total Altus equity method interests		\$ 1,555	\$ 1,258

As of December 31, 2020 and 2019, unamortized basis differences included in the equity method interest balances were \$38 million and \$30 million, respectively. These amounts represent differences in Altus' initial costs paid to acquire the equity method interests and its initial underlying equity in the respective entities, as well as capitalized interest related to Permian Highway Pipeline (PHP) construction costs. Unamortized basis differences are amortized into equity income (loss) over the useful lives of the underlying pipeline assets when they are placed into service.

The following table presents the activity in Altus' equity method interests for the years ended December 31, 2020 and 2019:

	Gulf Coast Express Pipeline LLC	EPIC Crude Holdings, LP	Permian Highway Pipeline LLC	Breviloba, LLC	Total
	(In millions)				
Balance at December 31, 2018	\$ 91	\$ —	\$ —	\$ —	\$ 91
Acquisitions	15	52	162	442	671
Capital contributions	184	123	147	47	501
Distributions	(16)	—	—	(9)	(25)
Capitalized interest <sup>(1)</sup>	—	—	2	—	2
Equity income (loss), net	17	(11)	—	13	19
Accumulated other comprehensive loss	—	(1)	—	—	(1)
Balance at December 31, 2019	291	163	311	493	1,258
Capital contributions	2	29	296	—	327
Distributions	(51)	—	—	(46)	(97)
Capitalized interest <sup>(1)</sup>	—	—	8	—	8
Equity income (loss), net	42	(16)	—	33	59
Balance at December 31, 2020	\$ 284	\$ 176	\$ 615	\$ 480	\$1,555

(1) Altus' proportionate share of the PHP construction costs is funded with Altus' revolving credit facility. Accordingly, Altus capitalized \$8 million and \$2 million of related interest expense during 2020 and 2019, respectively, which are included in the basis of the PHP equity interest.

**Summarized Combined Financial Information**

The following presents summarized information of combined statement of operations for Altus' equity method interests (on a 100 percent basis):

	For the Year Ended December 31,		
	2020	2019 <sup>(1)</sup>	2018 <sup>(2)</sup>
	(In millions)		
Operating revenues	\$ 707	\$ 302	\$ 3
Operating income (loss)	331	121	(6)
Net income (loss)	256	120	(6)
Other comprehensive loss	3	(8)	—

(1) Although Altus' interests in EPIC Crude Holdings, LP, Permian Highway Pipeline LLC, and Breviloba, LLC were acquired in March, May, and July 2019, respectively, the combined financial results are presented for the year ended December 31, 2019 for comparability.

(2) Although Altus' interest in Gulf Coast Express Pipeline LLC was acquired in December 2018, the combined financial results are presented for the year ended December 31, 2018 for comparability.

The following presents summarized combined balance sheet information for Altus' equity method interests (on a 100 percent basis) as of December 31:

	2020	2019
	(In millions)	
Current assets	\$ 260	\$ 441
Noncurrent assets	7,678	6,435
Total assets	\$ 7,938	\$ 6,876
Current liabilities	\$ 206	\$ 478
Noncurrent liabilities	1,191	958
Equity	6,541	5,440
Total liabilities and equity	\$ 7,938	\$ 6,876

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**Cover - OTHER CURRENT LIABILITIES**

OTHER CURRENT LIABILITIES	XBRL Details					12 Months Ended																														
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																														
Payables and Accruals [Abstract]	us-gaap_PayablesAndAccrualsAbstract	us-gaap_	xbri:stringItemType	na	duration																															
OTHER CURRENT LIABILITIES						OTHER CURRENT LIABILITIES																														
						The following table provides detail of the Company's other current liabilities as of December 31:																														
						<div><div>20202019</div><div>(In millions)</div><table><tr><td>Accrued operating expenses</td><td>\$ 91</td><td>\$ 143</td></tr><tr><td>Accrued exploration and development</td><td>167</td><td>319</td></tr><tr><td>Accrued gathering, processing, and transmission - Altus</td><td>—</td><td>17</td></tr><tr><td>Accrued compensation and benefits</td><td>170</td><td>212</td></tr><tr><td>Accrued interest</td><td>140</td><td>135</td></tr><tr><td>Accrued income taxes</td><td>25</td><td>51</td></tr><tr><td>Current asset retirement obligation</td><td>56</td><td>47</td></tr><tr><td>Current operating lease liability</td><td>116</td><td>169</td></tr><tr><td>Other</td><td>97</td><td>56</td></tr><tr><td>Total Other current liabilities</td><td>\$862</td><td>\$1,149</td></tr></table></div>	Accrued operating expenses	\$ 91	\$ 143	Accrued exploration and development	167	319	Accrued gathering, processing, and transmission - Altus	—	17	Accrued compensation and benefits	170	212	Accrued interest	140	135	Accrued income taxes	25	51	Current asset retirement obligation	56	47	Current operating lease liability	116	169	Other	97	56	Total Other current liabilities	\$862	\$1,149
Accrued operating expenses	\$ 91	\$ 143																																		
Accrued exploration and development	167	319																																		
Accrued gathering, processing, and transmission - Altus	—	17																																		
Accrued compensation and benefits	170	212																																		
Accrued interest	140	135																																		
Accrued income taxes	25	51																																		
Current asset retirement obligation	56	47																																		
Current operating lease liability	116	169																																		
Other	97	56																																		
Total Other current liabilities	\$862	\$1,149																																		
us-gaap_AccountsPayableAndAccruedLiabilitiesDisclosureTextBlock						us-gaap_nonnum:textBlockItemType na duration																														

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## Cover - ASSET RETIREMENT OBLIGATION

ASSET RETIREMENT OBLIGATION	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
Asset Retirement Obligation Disclosure [Abstract]	us-gaap_AssetRetirementObligationDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration	
ASSET RETIREMENT OBLIGATION						ASSET RETIREMENT OBLIGATION
						The following table describes changes to the Company's asset retirement obligation (ARO) liability:
						For the Year Ended December 31, 2020 2019 (In millions)
						Asset retirement obligation at beginning of year \$1,858 \$1,932
						Liabilities incurred 10 41
						Liabilities divested (26) (56)
						Liabilities settled (30) (56)
						Accretion expense 109 107
						Revisions in estimated liabilities 23 (110)
						Asset retirement obligation at end of year 1,944 1,858
						Less current portion (56) (47)
						Asset retirement obligation, long-term \$1,888 \$1,811
						The ARO liability reflects the estimated present value of the amount of dismantlement, removal, site reclamation, and similar activities associated with Apache's oil and gas properties and other long-lived assets. The Company utilizes current retirement costs to estimate the expected cash outflows for retirement obligations. The Company estimates the ultimate productive life of the properties, a risk-adjusted discount rate, and an inflation factor in order to determine the current present value of this obligation. To the extent future revisions to these assumptions impact the present value of the existing ARO liability, a corresponding adjustment is made to the oil and gas property or other long-lived asset balance.
						During 2020 and 2019, the Company recorded \$10 million and \$41 million, respectively, in abandonment liabilities resulting from Apache's exploration and development capital program. Liabilities settled primarily relate to individual properties, platforms, and facilities plugged and abandoned during the period. During 2020, approximately \$23 million net abandonment costs were revised upward to reflect changes in estimates of timing and costs, primarily in the North Sea. During 2019, approximately \$110 million net abandonment costs were revised downward to reflect changes in estimates of timing and costs, primarily in the North Sea.
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## Cover - DEBT AND FINANCING COSTS

DEBT AND FINANCING COSTS	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
Debt Disclosure [Abstract]	us-gaap_DebtDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration	
DEBT AND FINANCING COSTS						DEBT AND FINANCING COSTS
						<p><b>Overview</b></p> <p>All of the Company's debt is senior unsecured debt and has equal priority with respect to the payment of both principal and interest. All indentures for the notes and debentures described below place certain restrictions on the Company, including limits on Apache's ability to incur debt secured by certain liens. Certain of these indentures also restrict the Company's ability to enter into certain sale and leaseback transactions and give holders the option to require the Company to repurchase outstanding notes and debentures upon certain changes in control. None of the indentures contain prepayment obligations in the event of a decline in credit ratings.</p> <p>In August 2018, Apache closed an offering of \$1.0 billion in aggregate principal amount of senior unsecured 4.375% notes due October 15, 2028. The notes are redeemable at any time, in whole or in part, at Apache's option, subject to a make-whole premium. The net proceeds from the sale of the notes were used to purchase certain outstanding notes in cash tender offers, repay notes that matured in September 2018, and for general corporate purposes.</p> <p>Also in August 2018, Apache closed cash tender offers for certain outstanding notes. Apache accepted for purchase \$731 million aggregate principal amount of certain notes covered by the tender offers. Apache paid holders an aggregate of approximately \$828 million reflecting principal, the discount to par, early tender premium, and accrued and unpaid interest. The Company recorded a net loss of \$94 million on extinguishment of debt, including \$5 million of unamortized debt issuance costs and discount, in connection with the note purchases.</p> <p>On June 19, 2019, Apache closed offerings of \$1.0 billion in aggregate principal amount of senior unsecured notes, comprised of \$600 million in aggregate principal amount of 4.250% notes due January 15, 2030 and \$400 million in aggregate principal amount of 5.350% notes due July 1, 2049. The notes are redeemable at any time, in whole or in part, at Apache's option, subject to a make-whole premium. The net proceeds from the sale of the notes were used to purchase certain outstanding notes in cash tender offers and for general corporate purposes.</p> <p>On June 21, 2019, the Company closed cash tender offers for certain outstanding notes. Apache accepted for purchase \$932 million aggregate principal amount of certain notes covered by the tender offers. Apache paid holders an aggregate of approximately \$1.0 billion reflecting principal, the net premium to par, early tender premium, and accrued and unpaid interest. The Company recorded a net loss of \$75 million on extinguishment of debt, including \$7 million of unamortized debt issuance costs and discount, in connection with the note purchases.</p> <p>On August 17, 2020, the Company closed offerings of \$1.25 billion in aggregate principal amount of senior unsecured notes, comprised of \$500 million in aggregate principal amount of 4.625% notes due 2025 and \$750 million in aggregate principal amount of 4.875% notes due 2027. The senior unsecured notes are redeemable at any time, in whole or in part, at Apache's option, at the applicable redemption price. The net proceeds from the sale of the notes were used to purchase certain outstanding notes in cash tender offers, repay a portion of outstanding borrowings under the Company's senior revolving credit facility, and for general corporate purposes.</p> <p>On August 18, 2020, the Company closed cash tender offers for certain outstanding notes. Apache accepted for purchase \$644 million aggregate principal amount of certain notes covered by the tender offers. Apache paid holders an aggregate \$644 million, reflecting principal, aggregate discount to par of \$38 million, early tender premium of \$32 million, and accrued and unpaid interest of \$6 million. The Company recorded a net gain of \$2 million on extinguishment of debt, including an acceleration of unamortized debt discount and issuance costs, in connection with the note purchases.</p> <p>During 2020, the Company purchased in the open market and canceled senior notes issued under its indentures in an aggregate principal amount of \$588 million for an aggregate purchase price of</p>

\$428 million in cash, including accrued interest and broker fees, reflecting a discount to par of an aggregate \$168 million. These repurchases resulted in a \$158 million net gain on extinguishment of debt. The net gain includes an acceleration of related discount and debt issuance costs. The repurchases were financed by borrowings under the Company's revolving credit facility.

The Company records gains and losses on extinguishment of debt in "Financing costs, net" in the Company's statement of consolidated operations.

The following table presents the carrying value of the Company's debt:

	December 31,	
	2020	2019
	(In millions)	
3.625% notes due 2021 <sup>(1)</sup>	\$ —	\$ 293
3.25% notes due 2022 <sup>(2)</sup>	213	463
2.625% notes due 2023 <sup>(2)</sup>	123	181
4.625% notes due 2025 <sup>(2)</sup>	500	—
7.7% notes due 2026	79	79
7.95% notes due 2026	133	133
4.875% due 2027 <sup>(2)</sup>	750	—
4.375% notes due 2028 <sup>(2)</sup>	993	1,000
7.75% notes due 2029 <sup>(2)(3)</sup>	235	247
4.25% notes due 2030 <sup>(2)</sup>	580	600
6.0% notes due 2037 <sup>(2)</sup>	443	467
5.1% notes due 2040 <sup>(2)</sup>	1,333	1,499
5.25% notes due 2042 <sup>(2)</sup>	399	500
4.75% notes due 2043 <sup>(2)</sup>	1,133	1,413
4.25% notes due 2044 <sup>(2)</sup>	559	753
7.375% debentures due 2047	150	150
5.35% notes due 2049 <sup>(2)</sup>	390	400
7.625% debentures due 2096	39	39
Notes and debentures before unamortized discount and debt issuance costs <sup>(4)</sup>	8,052	8,217
Commercial paper	—	—
Altus credit facility <sup>(5)</sup>	624	396
Apache credit facility <sup>(5)</sup>	150	—
Finance lease obligations	38	48
Unamortized discount	(35)	(42)
Debt issuance costs	(57)	(53)
Total debt	8,772	8,566
Current maturities	(2)	(11)
Long-term debt	\$ 8,770	\$ 8,555

(1) On November 3, 2020, Apache redeemed the 3.625% senior notes due February 1, 2021, at a redemption price equal to 100 percent of their principal amount, plus accrued and unpaid interest to the redemption date.

(2) These notes are redeemable, as a whole or in part, at Apache's option, subject to a make-whole premium, except that the 7.75% notes due 2029 are only redeemable as whole for principal and accrued interest in the event of certain Canadian tax law changes. The remaining notes and debentures are not redeemable.

(3) Assumed by Apache in August 2017 as permitted by terms of these notes originally issued by a subsidiary and guaranteed by Apache.

(4) The fair values of the Company's notes and debentures were \$8.5 billion and \$8.4 billion as of December 31, 2020 and 2019, respectively. Apache uses a market approach to determine the fair value of its notes and debentures using estimates provided by an independent investment financial data services firm (a Level 2 fair value measurement).

(5) The carrying amount of borrowings on credit facilities approximates fair value because the interest rates are variable and reflective of market rates.

Maturities for the Company's notes and debentures excluding discount and debt issuance costs as of December 31, 2020 are as follows:

	(In millions)
2021	\$ —
2022	213
2023	123
2024	—
2025	500
Thereafter	7,216
Notes and debentures, excluding discounts and debt issuance costs	\$ 8,052

#### Uncommitted Lines of Credit

The Company from time to time has and uses uncommitted credit and letter of credit facilities for working capital and credit support purposes. As of December 31, 2020 and 2019, there were no outstanding borrowings under these facilities. As of December 31, 2020, there were £34 million and \$17 million in letters of credit outstanding under these facilities. As of December 31, 2019, there were £22 million and \$3 million in letters of credit outstanding under these facilities.

#### Unsecured Committed Bank Credit Facilities

In March 2018, Apache entered into a revolving credit facility with commitments totaling \$4.0 billion. In March 2019, the term of this facility was extended by one year to March 2024 (subject to Apache's remaining one-year extension option) pursuant to Apache's exercise of an extension option. The Company can increase commitments up to \$5.0 billion by adding new lenders or obtaining the consent of any increasing existing lenders. The

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facility includes a letter of credit subfacility of up to \$3.0 billion, of which \$2.08 billion was committed as of December 31, 2020. The facility is for general corporate purposes and available committed borrowing capacity supports Apache's commercial paper program. As of December 31, 2020, there were \$150 million of borrowings and an aggregate of £633 million and \$40 million in letters of credit outstanding under this facility. As of December 31, 2019, there were no borrowings or letters of credit outstanding under this facility. The £633 million in outstanding letters of credit were issued to support North Sea decommissioning obligations, the terms of which required such support after Standard & Poor's reduced the Company's credit rating from BBB to BB+ on March 26, 2020.

At Apache's option, the interest rate per annum for borrowings under the 2018 facility is either a base rate, as defined, plus a margin, or the London Inter-bank Offered Rate (LIBOR), plus a margin. The Company also pays quarterly a facility fee at a per annum rate on total commitments. The margins and the facility fee vary based upon the Company's senior long-term debt rating. At December 31, 2020, the base rate margin was 0.5 percent, the LIBOR margin was 1.50 percent, and the facility fee was 0.25 percent. A commission is payable quarterly to lenders on the face amount of each outstanding letter of credit at a per annum rate equal to the LIBOR margin then in effect. Customary letter of credit fronting fees and other charges are payable to issuing banks.

The financial covenants of the 2018 credit facility require the Company to maintain an adjusted debt-to-capital ratio of not greater than 60 percent at the end of any fiscal quarter. For purposes of this calculation, capital excludes the effects of non-cash write-downs, impairments, and related charges occurring after June 30, 2015.

The 2018 facility's negative covenants restrict the ability of the Company and its subsidiaries to create liens securing debt on its hydrocarbon-related assets, with exceptions for liens typically arising in the oil and gas industry; liens securing debt incurred to finance the acquisition, construction, improvement, or capital lease of assets, provided that such debt, when incurred, does not exceed the subject purchase price and costs, as applicable, and related expenses; liens on subsidiary assets located outside of the United States and Canada; and liens arising as a matter of law, such as tax and mechanics' liens. Apache also may incur liens on assets if debt secured thereby does not exceed 15 percent of Apache's consolidated net tangible assets, or approximately \$1.7 billion as of December 31, 2020. Negative covenants also restrict Apache's ability to merge with another entity unless it is the surviving entity, dispose of substantially all of its assets, and guarantee debt of non-consolidated entities in excess of the stated threshold.

In November 2018, Altus Midstream LP entered into a revolving credit facility for general corporate purposes that matures in November 2023 (subject to Altus Midstream LP's two, one-year extension options). The agreement for this facility, as amended, provides aggregate commitments from a syndicate of banks of \$800 million. All aggregate commitments include a letter of credit subfacility of up to \$100 million and a swingline loan subfacility of up to \$100 million. Altus Midstream LP may increase commitments up to an aggregate \$1.5 billion by adding new lenders or obtaining the consent of any increasing existing lenders. As of December 31, 2020 and December 31, 2019, there were \$624 million and \$396 million, respectively, of borrowings, and no letters of credit outstanding under this facility.

The agreement for Altus Midstream LP's credit facility, as amended, restricts distributions in respect of capital to Apache and other unit holders in certain circumstances. Unless the Leverage Ratio is less than or equal to 4.00:1.00, the agreement limits such distributions to \$30 million per calendar year until either (i) the consolidated net income of Altus Midstream LP and its restricted subsidiaries, as adjusted pursuant to the agreement, for three consecutive calendar months equals or exceeds \$350 million on an annualized basis or (ii) Altus Midstream LP has a specified senior long-term debt rating; in addition, before the occurrence of one of those two events, the Leverage Ratio must be less than or equal to 5.00:1.00. In no event can any distribution be made that would, after giving effect to it on a pro forma basis, result in a Leverage Ratio greater than (i) 5.00:1.00 or (ii) for a specified period after a qualifying acquisition, 5.50:1.00. The Leverage Ratio is the ratio of (1) the consolidated indebtedness of Altus Midstream LP and its restricted subsidiaries to (2) EBITDA (as defined in the agreement) of Altus Midstream LP and its restricted subsidiaries for the 12-month period ending immediately before the determination date. The Leverage Ratio as of December 31, 2020 was less than 4.00:1.00.

The terms of Altus Midstream LP's Series A Cumulative Redeemable Preferred Units also contain

certain restrictions on distributions in respect of capital, including the common units held by Apache and any other units that rank junior to the Preferred Units with respect to distributions or distributions upon liquidation. Refer to [Note 13—Redeemable Noncontrolling Interest - Altus](#) for further information. In addition, the amount of any cash distributions to Altus Midstream LP by any entity in which it has an interest accounted for by the equity method is subject to such entity's compliance with the terms of any debt or other agreements by which it may be bound, which in turn may impact the amount of funds available for distribution by Altus Midstream LP to its partners.

The Altus Midstream LP credit facility is unsecured and is not guaranteed by Apache or any of Apache's other subsidiaries.

There are no clauses in either the agreement for Apache's 2018 credit facility or for Altus Midstream LP's 2018 credit facility that permit the lenders to accelerate payments or refuse to lend based on unspecified material adverse changes. These agreements do not have drawdown restrictions or prepayment obligations in the event of a decline in credit ratings. However, each agreement allows the lenders to accelerate payment maturity and terminate lending and issuance commitments for nonpayment and other breaches, and if a borrower or any of its subsidiaries defaults on other indebtedness in excess of the stated threshold, is insolvent, or has any unpaid, non-appealable judgment against it for payment of money in excess of the stated threshold. Lenders may also accelerate payment maturity and terminate lending and issuance commitments under the applicable agreement if Apache or Altus Midstream LP, as applicable, undergoes a specified change in control or any borrower has specified pension plan liabilities in excess of the stated threshold. Each of Apache and Altus Midstream LP was in compliance with the terms of its 2018 credit facility as of December 31, 2020.

#### **Commercial Paper Program**

Apache's \$3.5 billion commercial paper program, which is subject to market availability, facilitates Apache borrowing funds for up to 270 days. As a result of downgrades in the Company's credit ratings during 2020, the Company does not expect that its commercial paper program will be cost competitive with its other financing alternatives and does not anticipate using it under such circumstances. As of December 31, 2020 and 2019, the Company had no commercial paper outstanding.

#### **Financing Costs, Net**

The following table presents the components of Apache's financing costs, net:

	<b>For the Year Ended December 31,</b>		
	<b>2020</b>	<b>2019</b>	<b>2018</b>
	<b>(In millions)</b>		
Interest expense	\$ 438	\$ 430	\$ 441
Amortization of debt issuance costs	8	7	9
Capitalized interest	(12)	(37)	(44)
Loss (gain) on extinguishment of debt	(160)	75	94
Interest income	(7)	(13)	(22)
Financing costs, net	<u>\$ 267</u>	<u>\$ 462</u>	<u>\$ 478</u>

As of December 31, 2020, the Company had \$57 million of debt issuance costs, which will be charged to interest expense over the life of the related debt issuances. Discount amortization of \$7 million, \$2 million, and \$3 million was recorded as interest expense in 2020, 2019, and 2018, respectively.

+ Details

## Cover - INCOME TAXES

INCOME TAXES	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
Income Tax Disclosure [Abstract]	us-gaap_IncomeTaxDisclosureAbstract	us-gaap_	xbrli:stringItemType	na	duration	
INCOME TAXES						
INCOME TAXES						
Income (loss) before income taxes is composed of the following:						
For the Year Ended December 31,						
(In millions)						
U.S.	\$	(4,581)	\$	(4,397)	\$	(723)
Foreign		(259)		1,389		1,681
Total	\$	(4,840)	\$	(3,008)	\$	958
The total income tax provision consists of the following:						
For the Year Ended December 31,						
(In millions)						
Current income taxes:						
Federal	\$	(2)	\$	1	\$	(1)
State		—		—		—
Foreign		178		659		895
Total		176		660		894
Deferred income taxes:						
Federal		—		67		(65)
State		—		—		2
Foreign		(112)		(53)		(159)
Total	\$	64	\$	674	\$	672
The total income tax provision differs from the amounts computed by applying the U.S. statutory income tax rate to income (loss) before income taxes. A reconciliation of the tax on the Company's income (loss) before income taxes and total tax expense is shown below:						
For the Year Ended December 31,						
(In millions)						
Income tax expense (benefit) at U.S. statutory rate	\$	(1,016)	\$	(631)	\$	201
State income tax, less federal effect <sup>(1)</sup>		—		1		2
Taxes related to foreign operations		97		328		436
Tax credits		(13)		(6)		(13)
Tax on deemed repatriation of foreign earnings		—		—		103
Foreign tax credits		—		—		(336)
Change in U.S. tax rate		—		—		161
Net change in tax contingencies		1		1		(2)
Goodwill impairment		35		—		—
Sale of North Sea assets		—		—		(30)
Valuation allowances <sup>(1)</sup>		965		972		118
All other, net		(5)		9		32
Total	\$	64	\$	674	\$	672
(1) The change in state valuation allowance is included as a component of state income tax.						
The net deferred income tax liability reflects the net tax impact of temporary differences between the asset and liability amounts carried on the balance sheet under GAAP and amounts utilized for income tax purposes. The net deferred income tax liability consists of the following as of December 31:						
2020 2019						
(In millions)						
Deferred tax assets:						
U.S. and state net operating losses		\$ 2,306		\$ 2,108		
Capital losses		633		626		
Tax credits and other tax incentives		33		32		
Foreign tax credits		2,241		2,241		
Accrued expenses and liabilities		93		97		
Asset retirement obligation		654		618		
Property & equipment		261		—		
Investment in Altus Midstream LP		76		107		
Net interest expense limitation		252		162		
Lease liability		79		108		
Other		1		88		

Total deferred tax assets	6,629	6,187
Valuation allowance	(5,991)	(4,959)
Net deferred tax assets	638	1,228
Deferred tax liabilities:		
Deferred income	—	1
Equity investments	4	—
Property and equipment	750	1,432
Right-of-use asset	74	106
Other	13	6
Total deferred tax liabilities	841	1,545
Net deferred income tax liability	\$ 203	\$ 317

Net deferred tax assets and liabilities are included in the consolidated balance sheet as of December 31 as follows:

	2020	2019
	(In millions)	
Assets:		
Deferred charges and other	\$ 12	\$ 29
Liabilities:		
Income taxes	215	346
Net deferred income tax liability	\$ 203	\$ 317

On December 22, 2017, the SEC staff issued Staff Accounting Bulletin No. 118 (SAB 118) which provides guidance for the application of ASC Topic 740, Income Taxes, for the income tax effects of the Tax Cuts and Jobs Act (the TCJA). SAB 118 provides a measurement period which should not extend beyond 1 year of the enactment date of the TCJA. In 2018, the Company recorded an additional \$103 million deferred tax expense attributable to the deemed repatriation of foreign earnings. This deferred tax expense combined with the provisional amount recorded in 2017 were fully offset by available foreign tax credits. The Company completed its analysis of the income tax effects of the TCJA in the fourth quarter of 2018.

The Company has recorded an increase in valuation allowance against certain deferred tax assets, primarily driven by asset impairments. The Company has assessed the future potential to realize these deferred tax assets and has concluded that it is more likely than not that these deferred tax assets will not be realized based on current economic conditions and expectations for the future.

In 2020, 2019, and 2018, the Company's valuation allowance increased by \$1.0 billion, \$1.0 billion, and \$131 million, respectively, as detailed in the table below:

	2020	2019	2018
	(In millions)		
Balance at beginning of year	\$ 4,959	\$ 3,947	\$ 3,816
State <sup>(1)</sup>	67	41	15
U.S.	960	971	124
Foreign	5	—	(8)
Balance at end of year	\$ 5,991	\$ 4,959	\$ 3,947

(1) Reported as a component of state income taxes.

On December 31, 2020, the Company had net operating losses as follows:

	Amount	Expiration
	(In millions)	
U.S.	\$ 8,859	2020 - Indefinite
State	6,566	Various

The Company has a U.S. net operating loss carryforward of \$8.9 billion, which includes \$186 million of net operating loss subject to annual limitation under Section 382 of the Internal Revenue Code (Code). Net operating losses generated in tax years beginning after 2017 are subject to an 80 percent taxable income limitation with indefinite carryover under the TCJA. The Company also has a net interest expense carryover of \$1.1 billion under Section 163(j) of the Code subject to indefinite carryover, a U.S. capital loss carryforward of \$1.8 billion, which has a five year carryforward period expiring in 2023 and a Canadian capital loss carryforward of \$836 million which has an indefinite carryover. The Company has recorded a full valuation allowance against the U.S. net operating losses, the state net operating losses, the net interest expense carryover, the U.S. capital loss, and the Canadian capital loss carryforward because it is more likely than not that these attributes will not be realized.

On December 31, 2020, the Company had foreign tax credits as follows:

	Amount	Expiration
	(In millions)	
Foreign tax credits	\$ 2,241	2025-2026

The Company has a \$2.2 billion U.S. foreign tax credit carryforward. The Company has recorded a full valuation allowance against the U.S. foreign tax credits listed above because it is more likely than not that these attributes will expire unutilized.

The Company accounts for income taxes in

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accordance with ASC Topic 740, "Income Taxes," which prescribes a minimum recognition threshold a tax position must meet before being recognized in the financial statements. Tax positions generally refer to a position taken in a previously filed income tax return or expected to be included in a tax return to be filed in the future that is reflected in the measurement of current and deferred income tax assets and liabilities. A reconciliation of the beginning and ending amount of unrecognized tax benefits is as follows:

	2020	2019	2018
	(In millions)		
Balance at beginning of year	\$ 82	\$ 24	\$ 26
Additions based on tax positions related to prior year	—	49	—
Additions based on tax positions related to the current year	11	9	—
Reductions for tax positions of prior years	—	—	(2)
Balance at end of year	<u>\$ 93</u>	<u>\$ 82</u>	<u>\$ 24</u>

The Company records interest and penalties related to unrecognized tax benefits as a component of income tax expense. Each quarter, the Company assesses the amounts provided for and, as a result, may increase or reduce the amount of interest and penalties. During each of the years ended December 31, 2020, 2019, and 2018, the Company recorded tax expense of \$1 million for interest and penalties. At December 31, 2020, 2019, and 2018, the Company had an accrued liability for interest and penalties of \$3 million, \$2 million, and \$1 million, respectively.

In 2020, 2019, and 2018, the Company recorded an \$11 million net increase, \$58 million net increase, and a \$2 million net reduction, respectively, in its reserve for uncertain tax positions. The Company is currently under IRS audit for the 2014 through 2017 tax years.

Apache and its subsidiaries are subject to U.S. federal income tax as well as income tax in various states and foreign jurisdictions. The Company's uncertain tax positions are related to tax years that may be subject to examination by the relevant taxing authority. Apache's earliest open tax years in its key jurisdictions are as follows:

<u>Jurisdiction</u>	
U.S.	2014
Egypt	2005
U.K.	2019

In 2020, the Company early adopted ASU 2019-12, "Simplifying the Accounting for Income Taxes." The Company's early adoption of ASU 2019-12 using the prospective transition approach did not result in a material impact on the consolidated financial statements.

+ Details



## Cover - COMMITMENTS AND CONTINGENCIES

COMMITMENTS AND CONTINGENCIES	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
Commitments and Contingencies Disclosure [Abstract]	us-gaap_CommitmentsAndContingenciesDisclosureAbstract	us-gaap_	xbrli:stringItemType	na	duration	
COMMITMENTS AND CONTINGENCIES						COMMITMENTS AND CONTINGENCIES
						<p><b>Legal Matters</b></p> <p>The Company is party to various legal actions arising in the ordinary course of business, including litigation and governmental and regulatory controls. As of December 31, 2020, the Company has an accrued liability of approximately \$70 million for all legal contingencies that are deemed to be probable of occurring and can be reasonably estimated. The Company's estimates are based on information known about the matters and its experience in contesting, litigating, and settling similar matters. Although actual amounts could differ from management's estimate, none of the actions are believed by management to involve future amounts that would be material to the Company's financial position, results of operations, or liquidity after consideration of recorded accruals. For material matters that the Company believes an unfavorable outcome is reasonably possible, the Company has disclosed the nature of the matter and a range of potential exposure, unless an estimate cannot be made at this time. It is management's opinion that the loss for any other litigation matters and claims that are reasonably possible to occur will not have a material adverse effect on the Company's financial position, results of operations, or liquidity.</p> <p><b>Argentine Environmental Claims</b></p> <p>On March 12, 2014, the Company and its subsidiaries completed the sale of all of the Company's subsidiaries' operations and properties in Argentina to YPF Sociedad Anonima (YPF). As part of that sale, YPF assumed responsibility for all of the past, present, and future litigation in Argentina involving Company subsidiaries, except that Company subsidiaries have agreed to indemnify YPF for certain environmental, tax, and royalty obligations capped at an aggregate of \$100 million. The indemnity is subject to specific agreed conditions precedent, thresholds, contingencies, limitations, claim deadlines, loss sharing, and other terms and conditions. On April 11, 2014, YPF provided its first notice of claims pursuant to the indemnity. Company subsidiaries have not paid any amounts under the indemnity but will continue to review and consider claims presented by YPF. Further, Company subsidiaries retain the right to enforce certain Argentina-related indemnification obligations against Pioneer Natural Resources Company (Pioneer) in an amount up to \$45 million pursuant to the terms and conditions of stock purchase agreements entered in 2006 between Company subsidiaries and subsidiaries of Pioneer.</p> <p><b>Louisiana Restoration</b></p> <p>Louisiana surface owners often file lawsuits or assert claims against oil and gas companies, including the Company, claiming that operators and working interest owners in the chain of title are liable for environmental damages on the leased premises, including damages measured by the cost of restoration of the leased premises to its original condition, regardless of the value of the underlying property. From time to time, restoration lawsuits and claims are resolved by the Company for amounts that are not material to the Company, while new lawsuits and claims are asserted against the Company. With respect to each of the pending lawsuits and claims, the amount claimed is not currently determinable or is not material. Further, the overall exposure related to these lawsuits and claims is not currently determinable. While adverse judgments against the Company are possible, the Company intends to actively defend these lawsuits and claims.</p> <p>Starting in November of 2013 and continuing into 2020, several parishes in Louisiana have pending lawsuits against many oil and gas producers, including the Company. These cases were all removed to federal courts in Louisiana. Some of the cases have been remanded to state court with the remand orders being appealed. In these cases, the Parishes, as plaintiffs, allege that defendants' oil and gas exploration, production, and transportation operations in specified fields were conducted in violation of the State and Local Coastal Resources Management Act of 1978, as amended, and applicable regulations, rules, orders, and ordinances promulgated or adopted thereunder by the Parish or the State of Louisiana. Plaintiffs allege that defendants caused substantial damage to land and water bodies located in the coastal zone of Louisiana. Plaintiffs seek, among other things, unspecified damages for alleged violations of applicable law within the coastal zone, the payment of costs necessary to clear, re-vegetate, detoxify, and otherwise restore the subject coastal zone as near as practicable to its original condition, and actual restoration of the coastal zone to its original condition. While adverse judgments against the Company might be possible, the Company intends to vigorously oppose these claims.</p> <p><b>Apollo Exploration Lawsuit</b></p> <p>In a case captioned <i>Apollo Exploration, LLC, Cogent Exploration, Ltd. Co. &amp; SellmoCo, LLC v. Apache Corporation</i>, Cause No. CV50538 in the 385th Judicial District Court, Midland County, Texas, plaintiffs alleged damages in excess of \$200 million (having previously claimed in excess of \$1.1 billion) relating to purchase and sale agreements, mineral leases, and areas of mutual interest agreements concerning properties located in Hartley, Moore, Potter, and Oldham Counties, Texas. The Court entered final</p>

judgment in favor of the Company, ruling that the plaintiffs take nothing by their claims and awarding the Company its attorneys' fees and costs incurred in defending the lawsuit. The plaintiffs' appeal is pending.

#### ***Australian Operations Divestiture Dispute***

Pursuant to a Sale and Purchase Agreement dated April 9, 2015 (Quadrant SPA), the Company and its subsidiaries divested their remaining Australian operations to Quadrant Energy Pty Ltd (Quadrant). Closing occurred on June 5, 2015. In April 2017, the Company filed suit against Quadrant for breach of the Quadrant SPA. In its suit, the Company seeks approximately AUD \$80 million. In December 2017, Quadrant filed a defense of equitable set-off to the Company's claim and a counterclaim seeking approximately AUD \$200 million in the aggregate. The Company believes that Quadrant's claims lack merit and will not have a material adverse effect on the Company's financial position, results of operation, or liquidity.

#### ***Canadian Operations Divestiture Dispute***

Pursuant to a Sale and Purchase Agreement dated July 6, 2017 (Paramount SPA), the Company and its subsidiaries divested their remaining Canadian operations to Paramount Resources LTD (Paramount). Closing occurred on August 16, 2017. On September 11, 2019, four ex-employees of Apache Canada on behalf of themselves and individuals employed by Apache Canada LTD on July 6, 2017, filed an Amended Statement of Claim in a matter styled *Stephen Flesch et. al. v Apache Corporation et. al.*, No. 1901-09160 Court of Queen's Bench of Alberta against the Company and others seeking class certification and a finding that the Paramount SPA amounted to a Change of Control of the Company, entitling them to accelerated vesting under the Company's equity plans. In the suit, the purported class seeks approximately \$60 million USD and punitive damages. The Company believes that Plaintiffs' claims lack merit and will not have a material adverse effect on the Company's financial position, results of operation, or liquidity.

#### ***California and Delaware Litigation***

On July 17, 2017, in three separate actions, San Mateo County, California, Marin County, California, and the City of Imperial Beach, California, all filed suit individually and on behalf of the people of the state of California against over 30 oil and gas companies alleging damages as a result of global warming. Plaintiffs seek unspecified damages and abatement under various tort theories. On December 20, 2017, in two separate actions, the City of Santa Cruz and Santa Cruz County and in a separate action on January 22, 2018, the City of Richmond, filed similar lawsuits against many of the same defendants. On November 14, 2018, the Pacific Coast Federation of Fishermen's Associations, Inc. also filed a similar lawsuit against many of the same defendants. After removal of all such lawsuits to federal court, the district court remanded them back to state court. The remand decision, and further activity in the cases, has been stayed pending further appellate review.

On September 10, 2020, the State of Delaware filed suit, individually and on behalf of the people of the State of Delaware, against over 25 oil and gas companies alleging damages as a result of global warming. Plaintiffs seek unspecified damages and abatement under various tort theories.

The Company believes that it is not subject to jurisdiction of the California courts and that claims made against it in the Delaware litigation are baseless. The Company intends to challenge jurisdiction in California and to vigorously defend the Delaware lawsuit.

#### ***Castex Lawsuit***

In a case styled *Apache Corporation v. Castex Offshore, Inc., et. al.*, Cause No. 2015-48580, in the 113th Judicial District Court of Harris County, Texas, Castex filed claims for alleged damages of approximately \$200 million, relating to overspend on the Belle Isle Gas Facility upgrade, and the drilling of five sidetracks on the Potomac #3 well. After a jury trial, a verdict of approximately \$60 million, plus fees, costs and interest was entered against the Company. The Company's appeal is pending.

#### ***Oklahoma Class Actions***

The Company is a party to two purported class actions in Oklahoma styled *Bigie Lee Rhea v. Apache Corporation*, Case No. 6:14-cv-00433-JH, and *Albert Steven Allen v. Apache Corporation*, Case No. CJ-2019-00219. The *Rhea* case has been certified and includes a class of royalty owners seeking damages in excess of \$250 million for alleged breach of the implied covenant to market relating to post-production deductions and alleged NGL uplift value. The *Allen* case has not been certified and seeks to represent a group of owners who have allegedly received late royalty and other payments under Oklahoma statutes. The amount of this claim is not yet reasonably determinable. While adverse judgments against the Company are possible, the Company intends to vigorously defend these lawsuits and claims.

#### ***Stockholder Lawsuits***

On February 23, 2021, a case captioned *Plymouth County Retirement System v. Apache Corporation, et al.* was filed in the United States District Court for the Southern District of Texas (Houston Division) against the Company and certain current and former officers. The complaint, which is a shareholder lawsuit styled as a class action (1) alleges that the Company intentionally used unrealistic assumptions regarding the amount and composition of available oil and gas in Alpine High; (2) alleges that the Company did not have the proper infrastructure in place to safely and/or economically drill and/or transport those resources

even if they existed in the amounts purported; (3) alleges that these statements and omissions artificially inflated the value of the Company's operations in the Permian Basin; and (4) alleges that, as a result, the Company's public statements were materially false and misleading. Other lawsuits have followed with similar allegations. The Company believes that all plaintiffs' claims lack merit and intends to vigorously defend these lawsuits.

#### **Environmental Matters**

The Company, as an owner or lessee and operator of oil and gas properties, is subject to various federal, state, local, and foreign country laws and regulations relating to discharge of materials into, and protection of, the environment. These laws and regulations may, among other things, impose liability on the lessee under an oil and gas lease for the cost of pollution clean-up resulting from operations and subject the lessee to liability for pollution damages. In some instances, the Company may be directed to suspend or cease operations in the affected area. The Company maintains insurance coverage, which it believes is customary in the industry, although the Company is not fully insured against all environmental risks.

The Company manages its exposure to environmental liabilities on properties to be acquired by identifying existing problems and assessing the potential liability. The Company also conducts periodic reviews, on a Company-wide basis, to identify changes in its environmental risk profile. These reviews evaluate whether there is a probable liability, the amount, and the likelihood that the liability will be incurred. The amount of any potential liability is determined by considering, among other matters, incremental direct costs of any likely remediation and the proportionate cost of employees who are expected to devote a significant amount of time directly to any possible remediation effort. As it relates to evaluations of purchased properties, depending on the extent of an identified environmental problem, the Company may exclude a property from the acquisition, require the seller to remediate the property to the Company's satisfaction, or agree to assume liability for the remediation of the property. The Company's general policy is to limit any reserve additions to any incidents or sites that are considered probable to result in an expected remediation cost exceeding \$300,000. Any environmental costs and liabilities that are not reserved for are treated as an expense when actually incurred. In the Company's estimation, neither these expenses nor expenses related to training and compliance programs are likely to have a material impact on its financial condition.

As of December 31, 2020, the Company had an undiscounted reserve for environmental remediation of approximately \$2 million.

On September 11, 2020, the Company received a Notice of Violation and Finding of Violation, and accompanying Clean Air Act Information Request, from the U.S. Environmental Protection Agency (EPA) following site inspections in April 2019 at several of the Company's oil and natural gas production facilities in Lea and Eddy Counties, New Mexico. The notice and information request involve alleged emissions control and reporting violations. The Company is cooperating with the EPA and responding to the information request. The EPA has not commenced enforcement proceedings, and at this time the Company is unable to reasonably estimate whether such proceedings will result in monetary sanctions and, if so, whether they would be more or less than \$100,000, exclusive of interest and costs.

Additionally, on December 29, 2020, the Company received a Notice of Violation and Opportunity to Confer, and accompanying Clean Air Act Information Request, from the EPA relating to several of the Company's oil and natural gas production facilities in Reeves County, Texas. The notice and information request involve alleged emissions control and reporting violations. The Company is cooperating with the EPA and responding to the information request. The EPA has not commenced enforcement proceedings, and at this time the Company is unable to reasonably estimate whether such proceedings will result in monetary sanctions and, if so, whether they would be more or less than \$100,000, exclusive of interest and costs.

The Company is not aware of any environmental claims existing as of December 31, 2020 that have not been provided for or would otherwise have a material impact on its financial position, results of operations, or liquidity. There can be no assurance, however, that current regulatory requirements will not change or past non-compliance with environmental laws will not be discovered on the Company's properties.

#### **Potential Asset Retirement Obligations**

In 2013, the Company sold its Gulf of Mexico Shelf operations and properties (Transferred Assets) to Fieldwood Energy LLC (Fieldwood). Under the terms of the purchase agreement, the Company received cash consideration of \$3.75 billion and Fieldwood assumed \$1.5 billion of discounted asset abandonment liabilities as of the disposition date. In respect of such abandonment liabilities, Fieldwood posted letters of credit in favor of the Company (Letters of Credit) and established a trust account (Trust A), which is funded by a 10 percent net profits interest depending on future oil prices and of which the Company is the beneficiary. On February 14, 2018, Fieldwood filed for protection under Chapter 11 of the U.S. Bankruptcy Code. In connection with the 2018 bankruptcy, Fieldwood confirmed a plan under which the Company agreed, inter alia, to accept bonds in exchange for certain of the Letters of Credit. Currently, the Company holds two bonds (Bonds) and the remaining Letters of Credit to secure Fieldwood's asset retirement obligations (AROs) on the Transferred Assets as and when such abandonment and decommissioning obligations are

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required to be performed over the remaining life of the Transferred Assets.

On August 3, 2020, Fieldwood again filed for protection under Chapter 11 of the U.S. Bankruptcy Code. Fieldwood has submitted a plan of reorganization, and the Company has been engaged in discussions with Fieldwood and other interested parties regarding such plan. If approved by the bankruptcy court, the submitted plan would separate the Transferred Assets into a standalone company, and proceeds of production of the Transferred Assets will be used for the AROs. If the proceeds of production are insufficient for such AROs, then Apache expects that it may be required by the relevant governmental authorities to perform such AROs, in which case it will apply the Bonds, remaining Letters of Credit, and Trust A to pay for the AROs. In addition, after such sources have been exhausted, Apache has agreed to provide a standby loan of up to \$400 million for the new company to perform decommissioning, with such standby loan secured by a first and prior lien on the Transferred Assets. If the foregoing is insufficient, the Company may be forced to use available cash to cover any additional costs it incurs for performing such AROs.

#### Leases and Contractual Obligations

On January 1, 2019, Apache adopted ASU 2016-02, "Leases (Topic 842)," which requires lessees to recognize separate right-of-use (ROU) assets and lease liabilities for most leases classified as operating leases under previous GAAP. As allowed under the standard, the Company applied practical expedients permitting an entity the option to not evaluate under ASU 2016-02 those existing or expired land easements that were not previously accounted for as leases, as well as permitting an entity the option to carry forward its historical assessments of whether existing agreements contain a lease, classification of existing lease agreements, and treatment of initial direct lease costs.

The Company determines if an arrangement is an operating or finance lease at the inception of each contract. If the contract is classified as an operating lease, Apache records an ROU asset and corresponding liability reflecting the total remaining present value of fixed lease payments over the expected term of the lease agreement. The expected term of the lease may include options to extend or terminate the lease when it is reasonably certain that the Company will exercise that option. If the Company's lease does not provide an implicit rate in the contract, the Company uses its incremental borrowing rate when calculating the present value. In the normal course of business, Apache enters into various lease agreements for real estate, drilling rigs, vessels, aircrafts, and equipment related to its exploration and development activities, which are typically classified as operating leases under the provisions of the standard. ROU assets are reflected within "Deferred charges and other" within "Other" assets on the Company's consolidated balance sheet, and the associated operating lease liabilities are reflected within "Other current liabilities" and "Other" within "Deferred Credits and Other Noncurrent Liabilities," as applicable.

Operating lease expense associated with ROU assets is recognized on a straight-line basis over the lease term. Lease expense is reflected on the statement of consolidated operations commensurate with the leased activities and nature of the services performed. Gross fixed operating lease expense, inclusive of amounts billable to partners and other working interest owners, was \$149 million and \$222 million in 2020 and 2019, respectively. Apache elected to exclude short-term leases (those with terms of 12 months or less) from the balance sheet presentation. Costs incurred for short-term leases, which is primarily related to drilling activities in Block 58 offshore Suriname, was \$80 million and \$18 million in 2020 and 2019, respectively.

In addition, the Company periodically enters into finance leases that are similar to those leases classified as capital leases under previous GAAP. Finance lease assets are included in "Other" within "Property and Equipment" on the consolidated balance sheet, and the associated finance lease liabilities are reflected within "Current debt" and "Long-term debt," as applicable. Depreciation on the Company's finance lease asset was \$2 million and \$7 million in 2020 and 2019, respectively. Interest on the Company's finance lease assets was \$2 million and \$3 million in 2020 and 2019, respectively.

The following table represents the Company's weighted average lease term and discount rate as of December 31, 2020:

	Operating Leases	Finance Leases
Weighted average remaining lease term	3.7 years	12.7 years
Weighted average discount rate	4.2 %	4.4 %

At December 31, 2020, contractual obligations for long-term operating leases, finance leases, and purchase obligations are as follows:

Net Minimum Commitments <sup>(1)</sup>	Operating Leases <sup>(2)</sup>	Finance Leases <sup>(3)</sup>	Purchase Obligations <sup>(4)</sup>
(In millions)			
2021	\$ 120	\$ 3	\$ 236
2022	70	3	203
2023	33	3	203
2024	27	4	160
2025	7	4	159
Thereafter	25	29	600
Total future minimum payments	282	46	\$ 1,561
Less: imputed interest	(21)	(8)	N/A
Total lease liabilities	261	38	N/A
Current portion	116	2	N/A
Non-current portion	\$ 145	\$ 36	N/A

(1) Excludes commitments for jointly owned fields and facilities for which the Company is not the operator.

(2) Amounts represent future payments associated with oil and gas operations inclusive of amounts billable to partners and other working interest owners. Such payments may be capitalized as a component of oil and gas properties and subsequently depreciated, impaired, or written off as exploration expense.

(3) Amounts represent the Company's finance lease obligation related to the Company's Midland, Texas regional office building.

(4) Amounts represent any agreement to purchase goods or services that are enforceable and legally binding and that specify all significant terms. These include minimum commitments associated with take-or-pay contracts, NGL processing agreements, drilling work program commitments, and agreements to secure capacity rights on third-party pipelines. Amounts exclude certain product purchase obligations related to marketing and trading activities for which there are no minimum purchase requirements or the amounts are not fixed or determinable. Total costs incurred under take-or-pay and throughput obligations were \$120 million, \$111 million, and \$132 million in 2020, 2019, and 2018, respectively.

The lease liability reflected in the table above represents the Company's fixed minimum payments that are settled in accordance with the lease terms. Actual lease payments during the period may also include variable lease components such as common area maintenance, usage-based sales taxes and rate differentials, or other similar costs that are not determinable at the inception of the lease. Gross variable lease payments, inclusive of amounts billable to partners and other working interest owners was \$41 million and \$78 million in 2020 and 2019, respectively.

As a result of electing the transitional practical expedient to apply the provisions of the standard at its adoption date instead of the earliest comparative period presented, below are the required ASU Leases (Topic 840) disclosures for prior periods:

	Operating Leases <sup>(1)</sup>		Finance Leases <sup>(2)</sup>	
	(In millions)			
Year ended December 31, 2018				
2019	\$	61	\$	1
2020-2021		64		3
2022-2023		53		4
2024 & Beyond		42		32
Total	\$	220	\$	40

(1) Includes leases for buildings, facilities, and related equipment with varying expiration dates through 2042. Total rent expense, net of amounts capitalized and sublease income was \$76 million in 2018.

(2) This represents the Company's capital lease obligation related to its Midland, Texas office building. The imputed interest rate necessary to reduce the net minimum lease payments to present value of the lease term is 4.4 percent, or \$16 million as of December 31, 2018.

+ Details



## Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS

RETIREMENT AND DEFERRED COMPENSATION PLANS	XBRL Details					12 Months Ended																																																																																																																																																																																																																																																																																																								
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<p>Apache Corporation provides retirement benefits to its U.S. employees through the use of multiple plans: a 401(k) savings plan, a money purchase retirement plan, a non-qualified retirement savings plan, and a non-qualified restorative retirement savings plan. The 401(k) savings plan provides participating employees the ability to elect to contribute up to 50 percent of eligible compensation, as defined, to the plan with the Company making matching contributions up to a maximum of 8 percent of each employee's annual eligible compensation. In addition, the Company contributes 6 percent of each participating employee's annual eligible compensation to a money purchase retirement plan. The 401(k) savings plan and the money purchase retirement plan are subject to certain annually-adjusted, government-mandated restrictions that limit the amount of employee and Company contributions. For certain eligible employees, the Company also provides a non-qualified retirement savings plan or a non-qualified restorative retirement savings plan. These plans allow the deferral of up to 50 percent of eligible employee's base salary, up to 75 percent of each employee's annual bonus (that accepts employee contributions) and the Company's matching contributions in excess of the government mandated limitations imposed in the 401(k) savings plan and money purchase retirement plan.</p> <p>Vesting in the Company's contributions in the 401(k) savings plan, the money purchase retirement plan, the non-qualified retirement savings plan and the non-qualified restorative retirement savings plan occurs at the rate of 20 percent for every completed year of employment. Upon a change in control of ownership of Apache Corporation, immediate and full vesting occurs.</p> <p>Additionally, Apache North Sea Limited maintains a separate retirement plan, as required under the laws of the U.K.</p> <p>The aggregate annual cost to Apache of all U.S. and international savings plans, the money purchase retirement plan, non-qualified retirement savings plan, and non-qualified restorative retirement savings plan was \$43 million, \$52 million, and \$52 million for 2020, 2019, and 2018, respectively.</p> <p>Apache also provides a funded noncontributory defined benefit pension plan (U.K. Pension Plan) covering certain employees of the Company's North Sea operations in the U.K. The plan provides defined pension benefits based on years of service and final salary. The plan applies only to employees who were part of BP North Sea's pension plan as of April 2, 2003, prior to the acquisition of BP North Sea by the Company effective July 1, 2003.</p> <p>Additionally, the Company offers postretirement medical benefits to U.S. employees who meet certain eligibility requirements. Eligible participants receive medical benefits up until the age of 65 or at the date they become eligible for Medicare, provided the participant remits the required portion of the cost of coverage. The plan is contributory with participants' contributions adjusted annually. The postretirement benefit plan does not cover benefit expenses once a covered participant becomes eligible for Medicare.</p> <p>The following tables set forth the benefit obligation, fair value of plan assets and funded status as of December 31, 2020, 2019, and 2018, and the underlying weighted average actuarial assumptions used for the U.K. Pension Plan and U.S. postretirement benefit plan. Apache uses a measurement date of December 31 for its pension and postretirement benefit plans.</p> <table><tr><th></th><th colspan="2">2020</th><th colspan="2">2019</th><th colspan="2">2018</th></tr><tr><th></th><th>Pension Benefits</th><th>Postretirement Benefits</th><th>Pension Benefits</th><th>Postretirement Benefits</th><th>Pension Benefits</th><th>Postretirement Benefits</th></tr><tr><th></th><th colspan="6">(In millions)</th></tr><tr><td><b>Change in Projected Benefit Obligation</b></td><td colspan="6"></td></tr><tr><td>Projected benefit obligation at beginning of year</td><td>\$ 199</td><td>\$ 20</td><td>\$ 187</td><td>\$ 27</td><td>\$ 216</td><td>\$ 27</td></tr><tr><td>Service cost</td><td>3</td><td>1</td><td>3</td><td>2</td><td>4</td><td>2</td></tr><tr><td>Interest cost</td><td>4</td><td>—</td><td>5</td><td>1</td><td>5</td><td>1</td></tr><tr><td>Foreign currency exchange rates</td><td>8</td><td>—</td><td>7</td><td>—</td><td>(11)</td><td>—</td></tr><tr><td>Actuarial losses (gains)</td><td>30</td><td>1</td><td>15</td><td>(9)</td><td>(11)</td><td>(2)</td></tr><tr><td>Plan settlements</td><td>—</td><td>—</td><td>(14)</td><td>—</td><td>(11)</td><td>—</td></tr><tr><td>Benefits paid</td><td>(11)</td><td>(4)</td><td>(4)</td><td>(2)</td><td>(5)</td><td>(3)</td></tr><tr><td>Retiree contributions</td><td>—</td><td>2</td><td>—</td><td>1</td><td>—</td><td>2</td></tr><tr><td>Projected benefit obligation at end of year</td><td>233</td><td>20</td><td>199</td><td>20</td><td>187</td><td>27</td></tr><tr><td><b>Change in Plan Assets</b></td><td colspan="6"></td></tr><tr><td>Fair value of plan assets at beginning of year</td><td>228</td><td>—</td><td>208</td><td>—</td><td>238</td><td>—</td></tr><tr><td>Actual return on plan assets</td><td>31</td><td>—</td><td>25</td><td>—</td><td>(6)</td><td>—</td></tr><tr><td>Foreign currency exchange rates</td><td>9</td><td>—</td><td>8</td><td>—</td><td>(13)</td><td>—</td></tr><tr><td>Employer contributions</td><td>5</td><td>2</td><td>5</td><td>1</td><td>5</td><td>2</td></tr><tr><td>Plan settlements</td><td>—</td><td>—</td><td>(14)</td><td>—</td><td>(11)</td><td>—</td></tr><tr><td>Benefits paid</td><td>(11)</td><td>(4)</td><td>(4)</td><td>(2)</td><td>(5)</td><td>(4)</td></tr><tr><td>Retiree contributions</td><td>—</td><td>2</td><td>—</td><td>1</td><td>—</td><td>2</td></tr><tr><td>Fair value of plan assets at end of year</td><td>262</td><td>—</td><td>228</td><td>—</td><td>208</td><td>—</td></tr><tr><td><b>Funded status at end of year</b></td><td><b>\$ 29</b></td><td><b>\$ (20)</b></td><td><b>\$ 29</b></td><td><b>\$ (20)</b></td><td><b>\$ 21</b></td><td><b>\$ (27)</b></td></tr><tr><td><b>Amounts recognized in Consolidated Balance Sheet</b></td><td colspan="6"></td></tr><tr><td>Current liability</td><td>\$ —</td><td>\$ (2)</td><td>\$ —</td><td>\$ (2)</td><td>\$ —</td><td>\$ (2)</td></tr><tr><td>Non-current asset (liability)</td><td>29</td><td>(18)</td><td>29</td><td>(18)</td><td>21</td><td>(25)</td></tr><tr><td></td><td><b>\$ 29</b></td><td><b>\$ (20)</b></td><td><b>\$ 29</b></td><td><b>\$ (20)</b></td><td><b>\$ 21</b></td><td><b>\$ (27)</b></td></tr><tr><td><b>Pre-tax Amounts Recognized in Accumulated Other Comprehensive Income (Loss)</b></td><td colspan="6"></td></tr><tr><td>Accumulated gain (loss)</td><td>\$ (11)</td><td>\$ 16</td><td>\$ (7)</td><td>\$ 19</td><td>\$ (13)</td><td>\$ 10</td></tr><tr><td><b>Weighted Average Assumptions used as of December 31</b></td><td colspan="6"></td></tr><tr><td>Discount rate</td><td>1.40 %</td><td>2.06 %</td><td>2.10 %</td><td>3.00 %</td><td>2.90 %</td><td>4.13 %</td></tr><tr><td>Salary increases</td><td>4.50 %</td><td>N/A</td><td>4.30 %</td><td>N/A</td><td>4.70 %</td><td>N/A</td></tr><tr><td>Expected return on assets</td><td>2.20 %</td><td>N/A</td><td>2.20 %</td><td>N/A</td><td>2.80 %</td><td>N/A</td></tr><tr><td>Healthcare cost trend</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Initial</td><td>N/A</td><td>6.00 %</td><td>N/A</td><td>6.25 %</td><td>N/A</td><td>6.50 %</td></tr><tr><td>Ultimate in 2025</td><td>N/A</td><td>5.00 %</td><td>N/A</td><td>5.00 %</td><td>N/A</td><td>5.00 %</td></tr></table> <p>As of December 31, 2020, 2019, and 2018, the accumulated benefit obligation for the U.K. Pension Plan was \$207 million, \$181 million, and \$167 million, respectively.</p> <p>Apache's defined benefit pension plan assets are held by a non-related trustee who has been instructed to invest the assets in a blend of equity securities and low-risk debt securities. The Company intends that this blend of investments will provide a reasonable rate of return such that the benefits promised to members are provided. The U.K. Pension Plan policy is to target an ongoing funding level of 100 percent through prudent investments and includes policies and strategies such as investment goals, risk management practices, and permitted and prohibited investments. A breakout of previous allocations for plan asset holdings and the target allocation for the Company's plan assets are summarized below:</p> <table><tr><th rowspan="2">Asset Category</th><th>Target Allocation</th><th colspan="2">Percentage of Plan Assets at Year-End</th></tr><tr><th>2020</th><th>2020</th><th>2019</th></tr><tr><td>Equity securities:</td><td></td><td></td><td></td></tr><tr><td>Overseas quoted equities</td><td>19 %</td><td>19 %</td><td>23 %</td></tr><tr><td>Total equity securities</td><td>19 %</td><td>19 %</td><td>23 %</td></tr><tr><td>Debt securities:</td><td></td><td></td><td></td></tr><tr><td>U.K. government bonds</td><td>65 %</td><td>64 %</td><td>62 %</td></tr><tr><td>U.K. corporate bonds</td><td>16 %</td><td>16 %</td><td>15 %</td></tr><tr><td>Total debt securities</td><td>81 %</td><td>80 %</td><td>77 %</td></tr><tr><td>Cash</td><td>—</td><td>1 %</td><td>—</td></tr><tr><td>Total</td><td>100 %</td><td>100 %</td><td>100 %</td></tr></table> <p>The plan's assets do not include any direct ownership of equity or debt securities of Apache. The fair value of plan assets at December 31, 2020 and 2019 are based upon unaudited quoted prices for identical instruments in active markets, which is a Level 1 fair value measurement. The following tables present the fair values of plan assets for each major asset category based on the nature and significant</p>									2020		2019		2018			Pension Benefits	Postretirement Benefits	Pension Benefits	Postretirement Benefits	Pension Benefits	Postretirement Benefits		(In millions)						<b>Change in Projected Benefit Obligation</b>							Projected benefit obligation at beginning of year	\$ 199	\$ 20	\$ 187	\$ 27	\$ 216	\$ 27	Service cost	3	1	3	2	4	2	Interest cost	4	—	5	1	5	1	Foreign currency exchange rates	8	—	7	—	(11)	—	Actuarial losses (gains)	30	1	15	(9)	(11)	(2)	Plan settlements	—	—	(14)	—	(11)	—	Benefits paid	(11)	(4)	(4)	(2)	(5)	(3)	Retiree contributions	—	2	—	1	—	2	Projected benefit obligation at end of year	233	20	199	20	187	27	<b>Change in Plan Assets</b>							Fair value of plan assets at beginning of year	228	—	208	—	238	—	Actual return on plan assets	31	—	25	—	(6)	—	Foreign currency exchange rates	9	—	8	—	(13)	—	Employer contributions	5	2	5	1	5	2	Plan settlements	—	—	(14)	—	(11)	—	Benefits paid	(11)	(4)	(4)	(2)	(5)	(4)	Retiree contributions	—	2	—	1	—	2	Fair value of plan assets at end of year	262	—	228	—	208	—	<b>Funded status at end of year</b>	<b>\$ 29</b>	<b>\$ (20)</b>	<b>\$ 29</b>	<b>\$ (20)</b>	<b>\$ 21</b>	<b>\$ (27)</b>	<b>Amounts recognized in Consolidated Balance Sheet</b>							Current liability	\$ —	\$ (2)	\$ —	\$ (2)	\$ —	\$ (2)	Non-current asset (liability)	29	(18)	29	(18)	21	(25)		<b>\$ 29</b>	<b>\$ (20)</b>	<b>\$ 29</b>	<b>\$ (20)</b>	<b>\$ 21</b>	<b>\$ (27)</b>	<b>Pre-tax Amounts Recognized in Accumulated Other Comprehensive Income (Loss)</b>							Accumulated gain (loss)	\$ (11)	\$ 16	\$ (7)	\$ 19	\$ (13)	\$ 10	<b>Weighted Average Assumptions used as of December 31</b>							Discount rate	1.40 %	2.06 %	2.10 %	3.00 %	2.90 %	4.13 %	Salary increases	4.50 %	N/A	4.30 %	N/A	4.70 %	N/A	Expected return on assets	2.20 %	N/A	2.20 %	N/A	2.80 %	N/A	Healthcare cost trend							Initial	N/A	6.00 %	N/A	6.25 %	N/A	6.50 %	Ultimate in 2025	N/A	5.00 %	N/A	5.00 %	N/A	5.00 %	Asset Category	Target Allocation	Percentage of Plan Assets at Year-End		2020	2020	2019	Equity securities:				Overseas quoted equities	19 %	19 %	23 %	Total equity securities	19 %	19 %	23 %	Debt securities:				U.K. government bonds	65 %	64 %	62 %	U.K. corporate bonds	16 %	16 %	15 %	Total debt securities	81 %	80 %	77 %	Cash	—	1 %	—	Total	100 %	100 %	100 %
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concentration of risks in plan assets at December 31, 2020 and 2019:

	December 31,	
	2020	2019
	(In millions)	
Equity securities:		
Overseas quoted equities	\$ 49	\$ 52
Total equity securities	49	52
Debt securities:		
U.K. government bonds	168	140
U.K. corporate bonds	43	35
Total debt securities	211	175
Cash	2	1
Fair value of plan assets	\$ 262	\$ 228

The expected long-term rate of return on assets assumptions are derived relative to the yield on long-dated fixed-interest bonds issued by the U.K. government (gilts). For equities, outperformance relative to gilts is assumed to be 3.5 percent per year.

The following tables set forth the components of the net periodic cost and the underlying weighted average actuarial assumptions used for the pension and postretirement benefit plans as of December 31, 2020, 2019, and 2018:

	2020		2019		2018	
	Pension Benefits	Postretirement Benefits	Pension Benefits	Postretirement Benefits	Pension Benefits	Postretirement Benefits
	(In millions)					
<b>Components of Net Periodic Benefit Cost</b>						
Service cost	\$ 3	\$ 1	\$ 3	\$ 2	\$ 4	\$ 2
Interest cost	4	—	5	1	5	1
Expected return on assets	(5)	—	(5)	—	(7)	—
Amortization of gain	—	(1)	—	(1)	—	—
Settlement loss	—	—	—	—	1	—
Net periodic benefit cost	\$ 2	\$ —	\$ 3	\$ 2	\$ 3	\$ 3
<b>Weighted Average Assumptions Used to Determine Net Periodic Benefit Cost for the Years Ended December 31</b>						
Discount rate	2.10 %	3.00 %	2.90 %	4.13 %	2.60 %	3.44 %
Salary increases	4.30 %	N/A	4.70 %	N/A	4.70 %	N/A
Expected return on assets	2.20 %	N/A	2.80 %	N/A	2.90 %	N/A
Healthcare cost trend						
Initial	N/A	6.25 %	N/A	6.50 %	N/A	6.75 %
Ultimate in 2025	N/A	5.00 %	N/A	5.00 %	N/A	5.00 %

Apache expects to contribute approximately \$5 million to its pension plan and \$2 million to its postretirement benefit plan in 2021. The following benefit payments, which reflect expected future service, as appropriate, are expected to be paid:

	Pension Benefits	Postretirement Benefits
	(In millions)	
2021	\$ 5	\$ 2
2022	6	2
2023	7	2
2024	6	2
2025	6	2
Years 2026-2030	36	6

+ Details

## Cover - REDEEMABLE NONCONTROLLING INTEREST - ALTUS

REDEEMABLE NONCONTROLLING INTEREST - ALTUS	XBRL Details			12 Months Ended	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type
Equity [Abstract]	us-gaap_EquityAbstract	us- gaap_	xbrli:stringItemType	na	duration

REDEEMABLE NONCONTROLLING  
INTEREST - ALTUS

REDEEMABLE NONCONTROLLING INTEREST - ALTUS

Preferred Units Issuance

On June 12, 2019, Altus Midstream LP issued and sold Preferred Units for an aggregate issue price of \$625 million in a private offering exempt from the registration requirements of the Securities Act of 1933, as amended (the Closing). Altus Midstream LP received approximately \$611 million in cash proceeds from the sale after deducting transaction costs and discounts to certain purchasers. Pursuant to the partnership agreement of Altus Midstream LP:

- The Preferred Units bear quarterly distributions at a rate of 7 percent per annum, increasing to 10 percent per annum after the fifth anniversary of Closing and upon the occurrence of specified events. Altus Midstream LP may pay distributions in-kind for the first six quarters after the Preferred Units are issued.
- The Preferred Units are redeemable at Altus Midstream LP's option at any time in cash at a redemption price (the Redemption Price) equal to the greater of an 11.5 percent internal rate of return (increasing after the fifth anniversary of Closing to 13.75 percent) and a 1.3x multiple of invested capital. The Preferred Units will be redeemable at the holder's option upon a change of control or liquidation of Altus Midstream LP and certain other events, including certain asset dispositions.
- The Preferred Units will be exchangeable for shares of ALTUS's Class A common stock at the holder's election after the seventh anniversary of Closing or upon the occurrence of specified events. Each Preferred Unit will be exchangeable for a number of shares of ALTUS's Class A common stock equal to the Redemption Price divided by the volume-weighted average trading price of ALTUS's Class A common stock on the Nasdaq Capital Market for the 20 trading days immediately preceding the second trading day prior to the applicable exchange date, less a 6 percent discount.
- Each outstanding Preferred Unit has a liquidation preference equal to the Redemption Price payable before any amounts are paid in respect of Altus Midstream LP's common units and any other units that rank junior to the Preferred Units with respect to distributions or distributions upon liquidation.
- Preferred Units holders have rights to approve certain partnership business, financial, and governance-related matters.
- Altus Midstream LP is restricted from declaring or making cash distributions on its common units until all required distributions on the Preferred Units have been paid. In addition, before the fifth anniversary of Closing, aggregate cash distributions on, and redemptions of, Altus Midstream LP's common units are limited to \$650 million of cash from ordinary course operations if permitted under its credit facility. Cash distributions on, and redemptions of, Altus Midstream LP's common units also are subject to satisfaction of leverage ratio requirements specified in its partnership agreement.

Classification

The Preferred Units are accounted for on the Company's consolidated balance sheets as a redeemable noncontrolling interest classified as temporary equity based on the terms of the Preferred Units, including the redemption rights with respect thereto.

Initial Measurement

Altus recorded the net transaction price of \$611 million, calculated as the negotiated transaction price of \$625 million, less issue discounts of \$4 million and transaction costs totaling \$10 million.

Certain redemption features embedded within the terms of the Preferred Units require bifurcation and measurement at fair value. Altus bifurcated and recognized at fair value an embedded derivative related to the Preferred Units at inception of \$94 million for a redemption option of the Preferred Unit holders. The derivative is reflected in "Other" within "Deferred Credits and Other Noncurrent Liabilities" on the Company's consolidated balance sheet at its current fair value of \$139 million as of December 31, 2020. The fair value of the embedded derivative, a Level 3 fair value measurement, was based on numerous factors including expected future interest rates using the Black-Karasinski model, Altus' imputed interest rate, the timing of periodic cash distributions, and dividend yields of the Preferred Units. See [Note 4—Derivative Instruments and Hedging Activities](#) for more detail.

The net transaction price was allocated to the preferred redeemable noncontrolling interest and the embedded features according to the associated initial fair value measurements as follows:

	June 12, 2019
	(In millions)
Redeemable noncontrolling interest - Altus Preferred Unit limited partners	\$ 517
Preferred Units embedded derivative	94
	<u>\$ 611</u>

Subsequent Measurement

Altus applies a two-step approach to subsequent measurement of the redeemable noncontrolling interest related to the Preferred Units by first allocating a portion of the net income of Altus Midstream LP in accordance with the terms of the partnership agreement. An additional adjustment to the carrying value of the Preferred Unit redeemable noncontrolling interest at each period end may be recorded, if applicable. The amount of such adjustment is determined based upon the accreted value method to reflect the passage of time until the Preferred Units are exchangeable at the option of the holder. Pursuant to this method, the net transaction price is accreted using the effective interest method to the Redemption Price calculated at the seventh anniversary of the Closing. The total adjustment is limited to an amount such that the carrying amount of the Preferred Unit redeemable noncontrolling interest at each period end is equal to the greater of (a) the sum of (i) the carrying amount of the Preferred Units, plus (ii) the fair value of the embedded derivative liability and (b) the accreted value of the net transaction price.

Activity related to the Preferred Units for the years ended December 31, 2020 and 2019 is as follows:

	Units Outstanding <sup>(1)</sup>	Financial Position <sup>(1)</sup>
	(In millions, except unit data)	
Redeemable noncontrolling interest—Preferred Units: at December 31, 2018	\$	
Issuance of Preferred Units, net	625,000	517
Distribution of in-kind additional Preferred Units	13,163	—
Allocation of Altus Midstream net income	N/A	38
Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2019	638,163	555
Distribution of in-kind additional Preferred Units	22,531	—
Cash distributions to Altus Preferred Unit limited partners	—	(23)
Allocation of Altus Midstream LP net income	N/A	76
Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2020	660,694	608
Preferred Units embedded derivative		139
		<u>\$ 747</u>

(1) The Preferred Units are redeemable at Altus Midstream's option at a redemption price (the Redemption Price), which as of December 31, 2020 was the greater of (i) an 11.5 percent internal rate of return and (ii) a 1.3 times multiple of invested capital. As of December 31, 2020, the Redemption Price would have been based on 1.3 times multiple of invested capital, which was \$813 million and greater than using an 11.5 percent internal rate of return, which was \$717 million.

N/A - not applicable.

CAPITAL STOCK

Common Stock Outstanding

The following table provides changes to the Company's common shares outstanding for the years ended December 31, 2020, 2019, and 2018:

	For the Year Ended December 31,		
	2020	2019	2018
Balance, beginning of year	376,062,670	374,696,222	380,954,864
Shares issued for stock-based compensation plans:			
Treasury shares issued	17,448	31,701	2,454
Common shares issued	1,402,512	1,334,747	1,566,237
Treasury shares acquired	—	—	(7,827,333)
Balance, end of year	<u>377,482,630</u>	<u>376,062,670</u>	<u>374,696,222</u>

Net Income (Loss) per Common Share

The following table provides a reconciliation of the components of basic and diluted net income (loss) per common share for the years ended December 31, 2020, 2019, and 2018:

	2020			2019			2018		
	Loss	Shares	Per Share	Loss	Shares	Per Share	Income	Shares	Per Share
(In millions, except per share amounts)									
Basic:									

Income (loss) attributable to common stock	\$(4,860)	378	\$	(12.86)	\$(3,553)	377	\$	(9.43)	\$	40	382	\$	0.11
<b>Effect of Dilutive Securities:</b>													
Stock options and other	\$	—	—	\$	—	—	\$	—	—	\$	2	\$	—
<b>Diluted:</b>													
Income (loss) attributable to common stock	\$(4,860)	378	\$	(12.86)	\$(3,553)	377	\$	(9.43)	\$	40	384	\$	0.11

The diluted EPS calculation excludes options and restricted shares that were anti-dilutive totaling 4.5 million, 5.0 million, and 5.6 million for the years ended December 31, 2020, 2019, and 2018, respectively. The impact to net income (loss) attributable to common stock on an assumed conversion of the redeemable noncontrolling Preferred Units interest in Alnus Midstream LP was anti-dilutive for the years ended December 31, 2020 and 2019.

#### Stock Repurchase Program

In 2013 and 2014, Apache's Board of Directors authorized the purchase of up to 40 million shares of the Company's common stock. Shares may be purchased either in the open market or through privately held negotiated transactions. The Company initiated the buyback program on June 10, 2013, and, through December 31, 2020, had repurchased a total of 40 million shares at an average price of \$79.18 per share. During the fourth quarter of 2018, the Company's Board of Directors authorized the purchase of up to 40 million additional shares of the Company's common stock. The Company is not obligated to acquire any specific number of shares and did not purchase any shares during the year ended December 31, 2020.

#### Common Stock Dividend

In the first quarter of 2020, the Board of Directors approved a reduction in the Company's quarterly dividends from \$0.25 per share to \$0.025 per share, effective for all dividends payable after March 12, 2020. For the year ended December 31, 2020, the Company declared common stock dividends of \$0.10 per share. For each of the years ended December 31, 2019 and 2018, the Company declared common stock dividends of \$1.00 per share.

#### Stock Compensation Plans

The Company maintains several stock-based compensation plans, which include stock options, restricted stock, and conditional restricted stock unit plans. On May 12, 2016, the Company's shareholders approved the 2016 Omnibus Compensation Plan (the 2016 Plan), which is used to provide eligible employees with equity-based incentives by granting incentive stock options, non-qualified stock options, performance awards, restricted stock awards, restricted stock units, stock appreciation rights, cash awards, or any combination of the foregoing. As of December 31, 2020, 14.1 million shares were authorized and available for grant under the 2016 Plan. Previously approved plans remain in effect solely for the purpose of governing grants still outstanding that were issued prior to approval of the 2016 Plan. All new grants are issued from the 2016 Plan. In 2018, the Company began issuing cash-settled awards (phantom units) under the restricted stock and conditional restricted stock unit plans. The phantom units represent a hypothetical interest in the Company's stock and, once vested, are settled in cash.

Costs related to the plans are capitalized or expensed to "Lease operating expenses," "Exploration," or "General and administrative" in the Company's statement of consolidated operations based on the nature of each employee's activities. The following table summarizes the Company's stock-settled and cash-settled compensation costs:

	For the Year Ended December 31,		
	2020	2019	2018
	(In millions)		
Stock-settled and cash-settled compensation expensed	\$ 40	\$ 110	\$ 157
Stock-settled and cash-settled compensation capitalized	7	28	37
Total stock-settled and cash-settled compensation costs	\$ 47	\$ 138	\$ 194

#### Stock Options

As of December 31, 2020, the Company had outstanding options to purchase shares of its common stock under the 2016 Plan, the 2011 Omnibus Equity Compensation Plan (the 2011 Plan), and the 2007 Omnibus Equity Compensation Plan (the 2007 Plan), (collectively, the Omnibus Plans). The Omnibus Plans were submitted to and approved by the Company's shareholders. New shares of common stock will be issued for employee stock option exercises. Under the Omnibus Plans, the exercise price of each option equals the closing price of Apache's common stock on the date of grant. Options granted become exercisable ratably over a three-year period and expire 10 years after granted.

The following table summarizes stock option activity for the years ended December 31, 2020, 2019, and 2018:

	2020		2019		2018	
	Shares Under Option	Weighted Average Exercise Price	Shares Under Option	Weighted Average Exercise Price	Shares Under Option	Weighted Average Exercise Price
	(In thousands, except exercise price amounts)					
Outstanding, beginning of year	4,298	\$ 75.24	4,872	\$ 75.95	4,593	\$ 83.36
Granted	—	—	—	—	812	45.93
Exercised	—	—	—	—	(29)	41.79
Forfeited	(37)	44.98	(80)	34.58	(121)	74.58
Expired	(724)	92.14	(494)	88.82	(383)	104.21
Outstanding, end of year <sup>(1)</sup>	3,537	72.10	4,298	75.24	4,872	75.95
Expected to vest <sup>(2)</sup>	150	45.77	495	49.11	1,274	48.74
Exercisable, end of year <sup>(3)</sup>	3,387	73.26	3,803	78.64	3,598	85.59

(1) As of December 31, 2020, options outstanding had a weighted average remaining contractual life of 3.6 years and no intrinsic value.

(2) As of December 31, 2020, options expected to vest had a weighted average remaining contractual life of 7.0 years and no intrinsic value.

(3) As of December 31, 2020, options exercisable had a weighted average remaining contractual life of 3.4 years and no intrinsic value.

The fair value of each stock option award is estimated on the date of grant using the Black-Scholes option pricing model, a Level 2 fair value measurement. The following table summarizes specific assumptions used in the Company's valuation:

	2020	2019	2018
Expected volatility	N/A	N/A	33.74%
Expected dividend yields	N/A	N/A	2.16%
Expected term (in years)	N/A	N/A	6
Risk-free rate	N/A	N/A	2.42%
Weighted-average grant-date fair value	N/A	N/A	\$ 13.15

N/A - not applicable.

Assumptions related to the expected volatilities are based on the Company's historical volatility of its common stock and other factors. The expected dividend yield is based on historical yields on the date of grant. The expected term of stock options granted represents the period of time that the stock options are expected to be outstanding and is derived from historical exercise behavior, current trends, and values derived from lattice-based models. The risk-free rate is based on the U.S. Treasury yield curve in effect at the time of grant.

There were no options issued and no options exercised during the years ended December 31, 2020 and 2019. The intrinsic values of options exercised during the year ended December 31, 2018 was approximately \$0.1 million. As of December 31, 2020, total compensation cost related to non-vested options not yet recognized was nil because they fully vest on January 5, 2021.

#### Restricted Stock Units and Restricted Stock Phantom Units

The Company has restricted stock unit and restricted stock phantom unit plans for eligible employees, including officers. The value of the stock-settled restricted stock unit awards is established by the market price on the date of grant and is recorded as compensation expense ratably over the vesting terms. The restricted stock phantom unit awards represent a hypothetical interest in either the Company's stock or in ALTM's common stock, as applicable, and, once vested, are settled in cash. Compensation expense related to the cash-settled awards is recorded as a liability and remeasured at the end of each reporting period over the applicable vesting term. The cash-settled awards compensation expense is recorded as a liability and remeasured at the end of each reporting period over the applicable vesting term.

For the years ended December 31, 2020, 2019, and 2018, compensation costs charged to expense for the restricted stock units and restricted stock phantom units was \$39 million, \$104 million, and \$101 million, respectively. As of December 31, 2020, 2019, and 2018, capitalized compensation costs for the restricted stock units and restricted stock phantom units were \$6 million, \$24 million, and \$29 million, respectively.

The following table summarizes stock-settled restricted stock unit activity for the years ended December 31, 2020, 2019, and 2018:

	2020		2019		2018	
	Units	Weighted Average Grant-Date Fair Value	Units	Weighted Average Grant-Date Fair Value	Units	Weighted Average Grant-Date Fair Value

	(In thousands, except per share amounts)				
Non-vested, beginning of year	2,448	\$ 46.65	3,153	\$ 55.54	4,920 \$ 56.67
Granted	1,352	24.60	1,479	34.81	608 45.59
Vested <sup>(1)</sup>	(1,933)	48.65	(1,899)	53.99	(2,023) 55.10
Forfeited	(315)	30.09	(285)	45.06	(352) 56.69
Non-vested, end of year <sup>(2)(3)</sup>	1,552	28.43	2,448	46.65	3,153 55.54

- (1) As of December 31, 2020, there was \$14 million of total unrecognized compensation cost related to 1,551,807 unvested stock-settled restricted stock units.
- (2) As of December 31, 2020, the weighted-average remaining life of unvested stock-settled restricted stock units is approximately 0.7 years.
- (3) The grant date fair values of the stock-settled awards vested during 2020, 2019, and 2018 were approximately \$94 million, \$103 million, and \$111 million, respectively.

The following table summarizes cash-settled restricted stock phantom unit activity for the years ended December 31, 2020, 2019, and 2018:

	For the Year Ended December 31,		
	2020	2019	2018
	(In thousands)		
Non-vested, beginning of year	5,384	1,818	59
Adjustment for ALTM reverse stock split <sup>(1)</sup>	(1,246)		
Granted <sup>(2)</sup>	3,462	4,831	1,973
Vested	(1,618)	(616)	(38)
Forfeited	(1,559)	(649)	(176)
Non-vested, end of year <sup>(3)</sup>	4,423	5,384	1,818

- (1) On June 30, 2020, Altus executed a 1-for-20 reverse stock split of its outstanding common stock. Outstanding cash-settled awards are based on the per-share market price of ALTM stock.
- (2) Restricted stock phantom units granted during 2020 and 2019 included 3,378,486 and 3,401,477 awards, respectively, based on the per-share market price of Apache common stock and 83,239 and 1,429,135 awards, respectively, based on the per-share market price of ALTM common stock. The restricted stock phantom units granted during 2020 based on ALTM's per-share market price reflect the 1-for-20 reverse stock split described above.
- (3) The outstanding liability for the unvested cash-settled restricted stock phantom units that had not been recognized as of December 31, 2020 was approximately \$28 million.

In January 2021, the Company awarded 1,354,349 restricted stock units and 4,360,656 restricted stock phantom units based on Apache's weighted-average per-share market price of \$16.18 under the 2016 Plan to eligible employees. Total compensation cost for the restricted stock units and the restricted stock phantom units, absent any forfeitures, is estimated to be \$22 million and \$71 million, respectively, and was calculated based on the per-share fair market value of a share of the Company's common stock as of the grant date. Compensation cost will be recognized over a three-year vesting period for both plans. The phantom units will be classified as a liability and remeasured at the end of each reporting period based on the change in fair value of one share of the Company's common stock.

Also during January 2021, the Company awarded 56,836 restricted stock phantom units based on ALTM's weighted-average per-share market price of \$48.84. The restricted stock phantom units represent a hypothetical interest in ALTM's common stock and, once vested, are settled in cash. Total compensation cost for these restricted stock phantom units, absent any forfeitures, is estimated to be \$3 million and was calculated based on the fair market value of ALTM's common stock as of the grant date. The restricted stock phantom units will be classified as a liability and remeasured at the end of each reporting period based on the change in fair value of one share of ALTM's common stock.

#### Performance Program

To provide long-term incentives for the Company's employees to deliver competitive shareholder returns, the Company makes annual grants of conditional restricted stock units to eligible employees. Apache has a performance program for certain eligible employees with payout for 50 percent of the shares based upon measurement of total shareholder return (TSR) of Apache common stock as compared to a designated peer group during a three-year performance period. Payout for the remaining 50 percent of the shares is based on performance and financial objectives as defined in the plan. The overall results of the objectives are calculated at the end of the award's stated performance period and, if a payout is warranted, applied to the target number of restricted stock units awarded. The performance shares will immediately vest 50 percent at the end of the three-year performance period, with the remaining 50 percent vesting at the end of the following year. Grants from the performance programs outstanding at December 31, 2020, are as described below:

- In January 2017, the Company's Board of Directors approved the 2017 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial stock-settled conditional restricted stock unit awards totaling 620,885 units. A total of 111,126 restricted stock units were outstanding as of December 31, 2020. The results for the performance period yielded a payout of 54 percent of target.
- In January 2018, the Company's Board of Directors approved the 2018 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial cash-settled conditional phantom units totaling 931,049 units. A total of 704,483 phantom units were outstanding as of December 31, 2020. The results for the performance period yielded a payout of 23 percent of target.
- In January 2019, the Company's Board of Directors approved the 2019 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial cash-settled conditional phantom units totaling 1,679,832 units. The actual amount of phantom units awarded will be between zero and 200 percent of target. A total of 1,301,893 phantom units were outstanding as of December 31, 2020, from which a minimum of zero to a maximum of 2,603,786 phantom units could be awarded.
- In January 2020, the Company's Board of Directors approved the 2020 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial cash-settled conditional phantom units totaling 1,687,307 units. The actual amount of phantom units awarded will be between zero and 200 percent of target. A total of 1,410,404 phantom units were outstanding as of December 31, 2020, from which a minimum of zero to a maximum of 2,820,808 phantom units could be awarded.

The fair value cost of the stock-settled awards was estimated on the date of grant and is recorded as compensation expense ratably over the applicable vesting term. The fair value of the cash-settled awards is remeasured at the end of each reporting period over the applicable vesting term. Compensation cost charged to expense under the performance programs was a credit of \$8 million during 2020 and expenses of \$24 million and \$38 million during 2019 and 2018, respectively. Capitalized compensation costs under the performance programs was a credit of \$1 million during 2020 and expenses of \$3 million and \$7 million during 2019 and 2018, respectively.

The following table summarizes stock-settled conditional restricted stock unit activity for the year ended December 31, 2020:

	Units	Weighted Average Grant-Date Fair Value <sup>(1)</sup>
	(In thousands)	
Non-vested, beginning of year	781	\$ 52.69
Granted	18	62.31
Vested	(445)	41.10
Forfeited	(16)	56.66
Expired	(227)	70.70
Non-vested, end of year <sup>(2)(3)</sup>	111	63.15

- (1) The fair value of each conditional restricted stock unit award is estimated as of the date of grant using a Monte Carlo simulation with the following assumptions used for all grants made under the plan: (i) a three-year continuous risk-free interest rate; (ii) a constant volatility assumption based on the historical realized stock price volatility of the Company and the designated peer group; and (iii) the historical stock prices and expected dividends of the common stock of the Company and its designated peer group.
- (2) As of December 31, 2020, there was no unrecognized compensation cost related to 111,126 unvested stock-settled conditional restricted stock units.
- (3) As of December 31, 2020, the weighted-average remaining life of the unvested stock-settled conditional restricted stock units is approximately 0.0 years.

The following table summarizes cash-settled conditional restricted stock unit activity for the year ended December 31, 2020:

	Units
	(In thousands)
Non-vested, beginning of year	2,320
Granted	1,687
Vested	(2)
Forfeited	(542)
Expired	(46)
Non-vested, end of year <sup>(1)</sup>	3,417

- (1) As of December 31, 2020, the outstanding liability for the unvested cash-settled conditional restricted stock units that had not been recognized was approximately \$14 million.

In January 2021, the Company's Board of Directors approved the 2021 Performance Program, pursuant to the 2016 Plan. Payout for 50 percent of the shares is based upon measurement of TSR of Apache common stock as compared to a designated peer group and the S&P 500 Index during a three-year performance period. Payout for the remaining 50 percent of the shares is based on performance and financial objectives as defined in the plan. Eligible employees received the initial cash-settled conditional phantom units totaling 1,911,517 units, with the ultimate number of phantom units to be awarded ranging from zero to a maximum of 3,823,034 units. These phantom units represent a hypothetical interest in the Company's stock, and, once vested, are settled in cash. The TSR component of the award had a grant date fair value per award of \$23.73 based on a Monte Carlo simulation. The grant date fair value per award for the remaining 50 percent was \$16.18 based on the weighted-average fair market value of a share of common stock



	of the Company as of the grant date. These phantom units will be classified as a liability and remeasured at the end of each reporting period.
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+ Details

## Cover - CAPITAL STOCK

CAPITAL STOCK						12 Months Ended	
						Dec. 31, 2020	
XBRL Details		XBRL Prefix	Data Type	Balance Type	Period Type		
XBRL Tag Name							
Equity [Abstract]	us-gaap_EquityAbstract	us-gaap_	xbrli:stringItemType	na	duration		
CAPITAL STOCK							
REDEEMABLE NONCONTROLLING INTEREST - ALTUS							
Preferred Units Issuance							
<p>On June 12, 2019, Altus Midstream LP issued and sold Preferred Units for an aggregate issue price of \$625 million in a private offering exempt from the registration requirements of the Securities Act of 1933, as amended (the Closing). Altus Midstream LP received approximately \$611 million in cash proceeds from the sale after deducting transaction costs and discounts to certain purchasers. Pursuant to the partnership agreement of Altus Midstream LP:</p>							
<ul style="list-style-type: none"><li>The Preferred Units bear quarterly distributions at a rate of 7 percent per annum, increasing to 10 percent per annum after the fifth anniversary of Closing and upon the occurrence of specified events. Altus Midstream LP may pay distributions in-kind for the first six quarters after the Preferred Units are issued.</li><li>The Preferred Units are redeemable at Altus Midstream LP's option at any time in cash at a redemption price (the Redemption Price) equal to the greater of an 11.5 percent internal rate of return (increasing after the fifth anniversary of Closing to 13.75 percent) and a 1.3x multiple of invested capital. The Preferred Units will be redeemable at the holder's option upon a change of control or liquidation of Altus Midstream LP and certain other events, including certain asset dispositions.</li><li>The Preferred Units will be exchangeable for shares of ALTUS's Class A common stock at the holder's election after the seventh anniversary of Closing or upon the occurrence of specified events. Each Preferred Unit will be exchangeable for a number of shares of ALTUS's Class A common stock equal to the Redemption Price divided by the volume-weighted average trading price of ALTUS's Class A common stock on the Nasdaq Capital Market for the 20 trading days immediately preceding the second trading day prior to the applicable exchange date, less a 6 percent discount.</li><li>Each outstanding Preferred Unit has a liquidation preference equal to the Redemption Price payable before any amounts are paid in respect of Altus Midstream LP's common units and any other units that rank junior to the Preferred Units with respect to distributions or distributions upon liquidation.</li><li>Preferred Units holders have rights to approve certain partnership business, financial, and governance-related matters.</li><li>Altus Midstream LP is restricted from declaring or making cash distributions on its common units until all required distributions on the Preferred Units have been paid. In addition, before the fifth anniversary of Closing, aggregate cash distributions on, and redemptions of, Altus Midstream LP's common units are limited to \$650 million of cash from ordinary course operations if permitted under its credit facility. Cash distributions on, and redemptions of, Altus Midstream LP's common units also are subject to satisfaction of leverage ratio requirements specified in its partnership agreement.</li></ul>							
Classification							
<p>The Preferred Units are accounted for on the Company's consolidated balance sheets as a redeemable noncontrolling interest classified as temporary equity based on the terms of the Preferred Units, including the redemption rights with respect thereto.</p>							
Initial Measurement							
<p>Altus recorded the net transaction price of \$611 million, calculated as the negotiated transaction price of \$625 million, less issue discounts of \$4 million and transaction costs totaling \$10 million.</p>							
<p>Certain redemption features embedded within the terms of the Preferred Units require bifurcation and measurement at fair value. Altus bifurcated and recognized at fair value an embedded derivative related to the Preferred Units at inception of \$94 million for a redemption option of the Preferred Unit holders. The derivative is reflected in "Other" within "Deferred Credits and Other Noncurrent Liabilities" on the Company's consolidated balance sheet at its current fair value of \$139 million as of December 31, 2020. The fair value of the embedded derivative, a Level 3 fair value measurement, was based on numerous factors including expected future interest rates using the Black-Karasinski model, Altus' imputed interest rate, the timing of periodic cash distributions, and dividend yields of the Preferred Units. See <a href="#">Note 4—Derivative Instruments and Hedging Activities</a> for more detail.</p>							
<p>The net transaction price was allocated to the preferred redeemable noncontrolling interest and the embedded features according to the associated initial fair value measurements as follows:</p>							
						June 12, 2019	
						(In millions)	
Redeemable noncontrolling interest - Altus Preferred Unit limited partners						\$ 517	
Preferred Units embedded derivative						94	
						<u>\$ 611</u>	
Subsequent Measurement							
<p>Altus applies a two-step approach to subsequent measurement of the redeemable noncontrolling interest related to the Preferred Units by first allocating a portion of the net income of Altus Midstream LP in accordance with the terms of the partnership agreement. An additional adjustment to the carrying value of the Preferred Unit redeemable noncontrolling interest at each period end may be recorded, if applicable. The amount of such adjustment is determined based upon the accreted value method to reflect the passage of time until the Preferred Units are exchangeable at the option of the holder. Pursuant to this method, the net transaction price is accreted using the effective interest method to the Redemption Price calculated at the seventh anniversary of the Closing. The total adjustment is limited to an amount such that the carrying amount of the Preferred Unit redeemable noncontrolling interest at each period end is equal to the greater of (a) the sum of (i) the carrying amount of the Preferred Units, plus (ii) the fair value of the embedded derivative liability and (b) the accreted value of the net transaction price.</p>							
<p>Activity related to the Preferred Units for the years ended December 31, 2020 and 2019 is as follows:</p>							
						Units Outstanding <sup>(1)</sup>	
						Financial Position <sup>(1)</sup>	
						(In millions, except unit data)	
Redeemable noncontrolling interest — Preferred Units: at December 31, 2018						\$ —	
Issuance of Preferred Units, net						625,000 517	
Distribution of in-kind additional Preferred Units						13,163 —	
Allocation of Altus Midstream net income						N/A 38	
Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2019						638,163 555	
Distribution of in-kind additional Preferred Units						22,531 —	
Cash distributions to Altus Preferred Unit limited partners						— (23)	
Allocation of Altus Midstream LP net income						N/A 76	
Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2020						660,694 608	
Preferred Units embedded derivative						139	
						<u>\$ 747</u>	
<p>(1) The Preferred Units are redeemable at Altus Midstream's option at a redemption price (the Redemption Price), which as of December 31, 2020 was the greater of (i) an 11.5 percent internal rate of return and (ii) a 1.3 times multiple of invested capital. As of December 31, 2020, the Redemption Price would have been based on 1.3 times multiple of invested capital, which was \$813 million and greater than using an 11.5 percent internal rate of return, which was \$717 million.</p>							
N/A - not applicable.							
CAPITAL STOCK							
Common Stock Outstanding							
<p>The following table provides changes to the Company's common shares outstanding for the years ended December 31, 2020, 2019, and 2018:</p>							
						For the Year Ended December 31,	
						2020 2019 2018	
Balance, beginning of year						376,062,670 374,696,222 380,954,864	
Shares issued for stock-based compensation plans:							
Treasury shares issued						17,448 31,701 2,454	
Common shares issued						1,402,512 1,334,747 1,566,237	
Treasury shares acquired						— — (7,827,333)	
Balance, end of year						<u>377,482,630 376,062,670 374,696,222</u>	
Net Income (Loss) per Common Share							
<p>The following table provides a reconciliation of the components of basic and diluted net income (loss) per common share for the years ended December 31, 2020, 2019, and 2018:</p>							
						2020 2019 2018	
						Loss Shares Per Share Loss Shares Per Share Income Shares Per Share	
						(In millions, except per share amounts)	
Basic:							

Income (loss) attributable to common stock	\$(4,860)	378	\$	(12.86)	\$(3,553)	377	\$	(9.43)	\$	40	382	\$	0.11
<b>Effect of Dilutive Securities:</b>													
Stock options and other	\$	—	—	\$	—	—	\$	—	—	\$	2	\$	—
<b>Diluted:</b>													
Income (loss) attributable to common stock	\$(4,860)	378	\$	(12.86)	\$(3,553)	377	\$	(9.43)	\$	40	384	\$	0.11

The diluted EPS calculation excludes options and restricted shares that were anti-dilutive totaling 4.5 million, 5.0 million, and 5.6 million for the years ended December 31, 2020, 2019, and 2018, respectively. The impact to net income (loss) attributable to common stock on an assumed conversion of the redeemable noncontrolling Preferred Units interest in Alnus Midstream LP was anti-dilutive for the years ended December 31, 2020 and 2019.

#### Stock Repurchase Program

In 2013 and 2014, Apache's Board of Directors authorized the purchase of up to 40 million shares of the Company's common stock. Shares may be purchased either in the open market or through privately held negotiated transactions. The Company initiated the buyback program on June 10, 2013, and, through December 31, 2020, had repurchased a total of 40 million shares at an average price of \$79.18 per share. During the fourth quarter of 2018, the Company's Board of Directors authorized the purchase of up to 40 million additional shares of the Company's common stock. The Company is not obligated to acquire any specific number of shares and did not purchase any shares during the year ended December 31, 2020.

#### Common Stock Dividend

In the first quarter of 2020, the Board of Directors approved a reduction in the Company's quarterly dividends from \$0.25 per share to \$0.025 per share, effective for all dividends payable after March 12, 2020. For the year ended December 31, 2020, the Company declared common stock dividends of \$0.10 per share. For each of the years ended December 31, 2019 and 2018, the Company declared common stock dividends of \$1.00 per share.

#### Stock Compensation Plans

The Company maintains several stock-based compensation plans, which include stock options, restricted stock, and conditional restricted stock unit plans. On May 12, 2016, the Company's shareholders approved the 2016 Omnibus Compensation Plan (the 2016 Plan), which is used to provide eligible employees with equity-based incentives by granting incentive stock options, non-qualified stock options, performance awards, restricted stock awards, restricted stock units, stock appreciation rights, cash awards, or any combination of the foregoing. As of December 31, 2020, 14.1 million shares were authorized and available for grant under the 2016 Plan. Previously approved plans remain in effect solely for the purpose of governing grants still outstanding that were issued prior to approval of the 2016 Plan. All new grants are issued from the 2016 Plan. In 2018, the Company began issuing cash-settled awards (phantom units) under the restricted stock and conditional restricted stock unit plans. The phantom units represent a hypothetical interest in the Company's stock and, once vested, are settled in cash.

Costs related to the plans are capitalized or expensed to "Lease operating expenses," "Exploration," or "General and administrative" in the Company's statement of consolidated operations based on the nature of each employee's activities. The following table summarizes the Company's stock-settled and cash-settled compensation costs:

	For the Year Ended December 31,		
	2020	2019	2018
	(In millions)		
Stock-settled and cash-settled compensation expensed	\$ 40	\$ 110	\$ 157
Stock-settled and cash-settled compensation capitalized	7	28	37
Total stock-settled and cash-settled compensation costs	\$ 47	\$ 138	\$ 194

#### Stock Options

As of December 31, 2020, the Company had outstanding options to purchase shares of its common stock under the 2016 Plan, the 2011 Omnibus Equity Compensation Plan (the 2011 Plan), and the 2007 Omnibus Equity Compensation Plan (the 2007 Plan), (collectively, the Omnibus Plans). The Omnibus Plans were submitted to and approved by the Company's shareholders. New shares of common stock will be issued for employee stock option exercises. Under the Omnibus Plans, the exercise price of each option equals the closing price of Apache's common stock on the date of grant. Options granted become exercisable ratably over a three-year period and expire 10 years after granted.

The following table summarizes stock option activity for the years ended December 31, 2020, 2019, and 2018:

	2020		2019		2018	
	Shares Under Option	Weighted Average Exercise Price	Shares Under Option	Weighted Average Exercise Price	Shares Under Option	Weighted Average Exercise Price
	(In thousands, except exercise price amounts)					
Outstanding, beginning of year	4,298	\$ 75.24	4,872	\$ 75.95	4,593	\$ 83.36
Granted	—	—	—	—	812	45.93
Exercised	—	—	—	—	(29)	41.79
Forfeited	(37)	44.98	(80)	34.58	(121)	74.58
Expired	(724)	92.14	(494)	88.82	(383)	104.21
Outstanding, end of year <sup>(1)</sup>	3,537	72.10	4,298	75.24	4,872	75.95
Expected to vest <sup>(2)</sup>	150	45.77	495	49.11	1,274	48.74
Exercisable, end of year <sup>(3)</sup>	3,387	73.26	3,803	78.64	3,598	85.59

(1) As of December 31, 2020, options outstanding had a weighted average remaining contractual life of 3.6 years and no intrinsic value.

(2) As of December 31, 2020, options expected to vest had a weighted average remaining contractual life of 7.0 years and no intrinsic value.

(3) As of December 31, 2020, options exercisable had a weighted average remaining contractual life of 3.4 years and no intrinsic value.

The fair value of each stock option award is estimated on the date of grant using the Black-Scholes option pricing model, a Level 2 fair value measurement. The following table summarizes specific assumptions used in the Company's valuation:

	2020	2019	2018
Expected volatility	N/A	N/A	33.74%
Expected dividend yields	N/A	N/A	2.16%
Expected term (in years)	N/A	N/A	6
Risk-free rate	N/A	N/A	2.42%
Weighted-average grant-date fair value	N/A	N/A	\$ 13.15

N/A - not applicable.

Assumptions related to the expected volatilities are based on the Company's historical volatility of its common stock and other factors. The expected dividend yield is based on historical yields on the date of grant. The expected term of stock options granted represents the period of time that the stock options are expected to be outstanding and is derived from historical exercise behavior, current trends, and values derived from lattice-based models. The risk-free rate is based on the U.S. Treasury yield curve in effect at the time of grant.

There were no options issued and no options exercised during the years ended December 31, 2020 and 2019. The intrinsic values of options exercised during the year ended December 31, 2018 was approximately \$0.1 million. As of December 31, 2020, total compensation cost related to non-vested options not yet recognized was nil because they fully vest on January 5, 2021.

#### Restricted Stock Units and Restricted Stock Phantom Units

The Company has restricted stock unit and restricted stock phantom unit plans for eligible employees, including officers. The value of the stock-settled restricted stock unit awards is established by the market price on the date of grant and is recorded as compensation expense ratably over the vesting terms. The restricted stock phantom unit awards represent a hypothetical interest in either the Company's stock or in ALTM's common stock, as applicable, and, once vested, are settled in cash. Compensation expense related to the cash-settled awards is recorded as a liability and remeasured at the end of each reporting period over the applicable vesting term. The cash-settled awards compensation expense is recorded as a liability and remeasured at the end of each reporting period over the applicable vesting term.

For the years ended December 31, 2020, 2019, and 2018, compensation costs charged to expense for the restricted stock units and restricted stock phantom units was \$39 million, \$104 million, and \$101 million, respectively. As of December 31, 2020, 2019, and 2018, capitalized compensation costs for the restricted stock units and restricted stock phantom units were \$6 million, \$24 million, and \$29 million, respectively.

The following table summarizes stock-settled restricted stock unit activity for the years ended December 31, 2020, 2019, and 2018:

	2020		2019		2018	
	Units	Weighted Average Grant-Date Fair Value	Units	Weighted Average Grant-Date Fair Value	Units	Weighted Average Grant-Date Fair Value

	(In thousands, except per share amounts)								
Non-vested, beginning of year	2,448	\$	46.65	3,153	\$	55.54	4,920	\$	56.67
Granted	1,352		24.60	1,479		36.81	608		45.59
Vested <sup>(1)</sup>	(1,933)		48.65	(1,899)		53.99	(2,023)		55.10
Forfeited	(315)		30.09	(285)		45.06	(352)		56.69
Non-vested, end of year <sup>(1)(2)</sup>	1,552		28.43	2,448		46.65	3,153		55.54

- (1) As of December 31, 2020, there was \$14 million of total unrecognized compensation cost related to 1,551,807 unvested stock-settled restricted stock units.
- (2) As of December 31, 2020, the weighted-average remaining life of unvested stock-settled restricted stock units is approximately 0.7 years.
- (3) The grant date fair values of the stock-settled awards vested during 2020, 2019, and 2018 were approximately \$94 million, \$103 million, and \$111 million, respectively.

The following table summarizes cash-settled restricted stock phantom unit activity for the years ended December 31, 2020, 2019, and 2018:

	For the Year Ended December 31,		
	2020	2019	2018
	(In thousands)		
Non-vested, beginning of year	5,384	1,818	59
Adjustment for ALTM reverse stock split <sup>(1)</sup>	(1,246)		
Granted <sup>(2)</sup>	3,462	4,831	1,973
Vested	(1,618)	(616)	(38)
Forfeited	(1,559)	(649)	(176)
Non-vested, end of year <sup>(3)</sup>	4,423	5,384	1,818

- (1) On June 30, 2020, Altus executed a 1-for-20 reverse stock split of its outstanding common stock. Outstanding cash-settled awards are based on the per-share market price of ALTM stock.
- (2) Restricted stock phantom units granted during 2020 and 2019 included 3,378,486 and 3,401,477 awards, respectively, based on the per-share market price of Apache common stock and 83,239 and 1,429,135 awards, respectively, based on the per-share market price of ALTM common stock. The restricted stock phantom units granted during 2020 based on ALTM's per-share market price reflect the 1-for-20 reverse stock split described above.
- (3) The outstanding liability for the unvested cash-settled restricted stock phantom units that had not been recognized as of December 31, 2020 was approximately \$28 million.

In January 2021, the Company awarded 1,354,349 restricted stock units and 4,360,656 restricted stock phantom units based on Apache's weighted-average per-share market price of \$16.18 under the 2016 Plan to eligible employees. Total compensation cost for the restricted stock units and the restricted stock phantom units, absent any forfeitures, is estimated to be \$22 million and \$71 million, respectively, and was calculated based on the per-share fair market value of a share of the Company's common stock as of the grant date. Compensation cost will be recognized over a three-year vesting period for both plans. The phantom units will be classified as a liability and remeasured at the end of each reporting period based on the change in fair value of one share of the Company's common stock.

Also during January 2021, the Company awarded 56,836 restricted stock phantom units based on ALTM's weighted-average per-share market price of \$48.84. The restricted stock phantom units represent a hypothetical interest in ALTM's common stock and, once vested, are settled in cash. Total compensation cost for these restricted stock phantom units, absent any forfeitures, is estimated to be \$3 million and was calculated based on the fair market value of ALTM's common stock as of the grant date. The restricted stock phantom units will be classified as a liability and remeasured at the end of each reporting period based on the change in fair value of one share of ALTM's common stock.

#### Performance Program

To provide long-term incentives for the Company's employees to deliver competitive shareholder returns, the Company makes annual grants of conditional restricted stock units to eligible employees. Apache has a performance program for certain eligible employees with payout for 50 percent of the shares based upon measurement of total shareholder return (TSR) of Apache common stock as compared to a designated peer group during a three-year performance period. Payout for the remaining 50 percent of the shares is based on performance and financial objectives as defined in the plan. The overall results of the objectives are calculated at the end of the award's stated performance period and, if a payout is warranted, applied to the target number of restricted stock units awarded. The performance shares will immediately vest 50 percent at the end of the three-year performance period, with the remaining 50 percent vesting at the end of the following year. Grants from the performance programs outstanding at December 31, 2020, are as described below:

- In January 2017, the Company's Board of Directors approved the 2017 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial stock-settled conditional restricted stock unit awards totaling 620,885 units. A total of 111,126 restricted stock units were outstanding as of December 31, 2020. The results for the performance period yielded a payout of 54 percent of target.
- In January 2018, the Company's Board of Directors approved the 2018 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial cash-settled conditional phantom units totaling 931,049 units. A total of 704,483 phantom units were outstanding as of December 31, 2020. The results for the performance period yielded a payout of 23 percent of target.
- In January 2019, the Company's Board of Directors approved the 2019 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial cash-settled conditional phantom units totaling 1,679,832 units. The actual amount of phantom units awarded will be between zero and 200 percent of target. A total of 1,301,893 phantom units were outstanding as of December 31, 2020, from which a minimum of zero to a maximum of 2,603,786 phantom units could be awarded.
- In January 2020, the Company's Board of Directors approved the 2020 Performance Program, pursuant to the 2016 Plan. Eligible employees received initial cash-settled conditional phantom units totaling 1,687,307 units. The actual amount of phantom units awarded will be between zero and 200 percent of target. A total of 1,410,404 phantom units were outstanding as of December 31, 2020, from which a minimum of zero to a maximum of 2,820,808 phantom units could be awarded.

The fair value cost of the stock-settled awards was estimated on the date of grant and is recorded as compensation expense ratably over the applicable vesting term. The fair value of the cash-settled awards is remeasured at the end of each reporting period over the applicable vesting term. Compensation cost charged to expense under the performance programs was a credit of \$8 million during 2020 and expenses of \$24 million and \$38 million during 2019 and 2018, respectively. Capitalized compensation costs under the performance programs was a credit of \$1 million during 2020 and expenses of \$3 million and \$7 million during 2019 and 2018, respectively.

The following table summarizes stock-settled conditional restricted stock unit activity for the year ended December 31, 2020:

	Units	Weighted Average Grant-Date Fair Value <sup>(1)</sup>
	(In thousands)	
Non-vested, beginning of year	781	\$ 52.69
Granted	18	62.31
Vested	(445)	41.10
Forfeited	(16)	56.66
Expired	(227)	70.70
Non-vested, end of year <sup>(2)(3)</sup>	111	63.15

- (1) The fair value of each conditional restricted stock unit award is estimated as of the date of grant using a Monte Carlo simulation with the following assumptions used for all grants made under the plan: (i) a three-year continuous risk-free interest rate; (ii) a constant volatility assumption based on the historical realized stock price volatility of the Company and the designated peer group; and (iii) the historical stock prices and expected dividends of the common stock of the Company and its designated peer group.
- (2) As of December 31, 2020, there was no unrecognized compensation cost related to 111,126 unvested stock-settled conditional restricted stock units.
- (3) As of December 31, 2020, the weighted-average remaining life of the unvested stock-settled conditional restricted stock units is approximately 0.0 years.

The following table summarizes cash-settled conditional restricted stock unit activity for the year ended December 31, 2020:

	Units
	(In thousands)
Non-vested, beginning of year	2,320
Granted	1,687
Vested	(2)
Forfeited	(542)
Expired	(46)
Non-vested, end of year <sup>(1)</sup>	3,417

- (1) As of December 31, 2020, the outstanding liability for the unvested cash-settled conditional restricted stock units that had not been recognized was approximately \$14 million.

In January 2021, the Company's Board of Directors approved the 2021 Performance Program, pursuant to the 2016 Plan. Payout for 50 percent of the shares is based upon measurement of TSR of Apache common stock as compared to a designated peer group and the S&P 500 Index during a three-year performance period. Payout for the remaining 50 percent of the shares is based on performance and financial objectives as defined in the plan. Eligible employees received the initial cash-settled conditional phantom units totaling 1,911,517 units, with the ultimate number of phantom units to be awarded ranging from zero to a maximum of 3,823,034 units. These phantom units represent a hypothetical interest in the Company's stock, and, once vested, are settled in cash. The TSR component of the award had a grant date fair value per award of \$23.73 based on a Monte Carlo simulation. The grant date fair value per award for the remaining 50 percent was \$16.18 based on the weighted-average fair market value of a share of common stock

+ Details

of the Company as of the grant date. These phantom units will be classified as a liability and remeasured at the end of each reporting period.

## Cover - ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)

ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020		
Equity [Abstract]	us-gaap_EquityAbstract	us- gaap_	xbri:stringItemType	na	duration			
ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)						ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)		
						Components of accumulated other comprehensive income (loss) include the following:		
						As of December 31,		
						2020	2019	2018
						(In millions)		
	us-gaap_ComprehensiveIncomeNoteTextBlock	us- gaap_	nonnum:textBlockItemType	na	duration	Share of equity method interests other comprehensive loss	\$ (1)	\$ (1) \$ —
						Pension and postretirement benefit plan (Note 12)	15	17 4
						Accumulated other comprehensive income	\$ 14	\$ 16 \$ 4

+ References + Details



## Cover - MAJOR CUSTOMERS

MAJOR CUSTOMERS	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
<b>Risks and Uncertainties [Abstract]</b>	us-gaap_RisksAndUncertaintiesAbstract	us-gaap_	xbri:stringItemType	na	duration	
MAJOR CUSTOMERS						MAJOR CUSTOMERS
						<p>The Company is exposed to credit risk in the event of nonpayment by counterparties, a significant portion of which are concentrated in energy-related industries. The creditworthiness of customers and other counterparties is subject to continuing review, including the use of master netting agreements, where appropriate. During 2020, sales to EGPC and Vitol accounted for approximately 17 percent and 14 percent, respectively, of the Company's worldwide crude oil, natural gas, and NGLs production revenues. During 2019, sales to BP and Sinopec, and their respective affiliates, each accounted for approximately 10 percent and 11 percent, respectively, of the Company's worldwide crude oil, natural gas, and NGLs production revenues. During 2018, sales to BP, Sinopec, and EGPC, and their respective affiliates, each accounted for approximately 17 percent, 15 percent, and 10 percent, respectively, of the Company's worldwide crude oil, natural gas, and NGLs production revenues.</p> <p>Management does not believe that the loss of any one of these customers would have a material adverse effect on the results of operations.</p>
	us-gaap_ConcentrationRiskDisclosureTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	

+ References + Details

## Cover - BUSINESS SEGMENT INFORMATION

BUSINESS SEGMENT INFORMATION	XBRL Details					12 Months Ended																																																																																																																																																																																																																																							
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																																																																																																																																																																																																							
Segment Reporting [Abstract]	us-gaap_SegmentReportingAbstract	us-gaap_	xbrli:stringItemType	na	duration																																																																																																																																																																																																																																								
BUSINESS SEGMENT INFORMATION	BUSINESS SEGMENT INFORMATION																																																																																																																																																																																																																																												
As of December 31, 2020, Apache is engaged in exploration and production (Upstream) activities across three operating segments: Egypt, North Sea, and the U.S. Apache also has active exploration and planned appraisal operations ongoing in Suriname, as well as interests in other international locations that may, over time, result in reportable discoveries and development opportunities. Apache's Upstream business explores for, develops, and produces natural gas, crude oil and natural gas liquids. During 2018, Apache established a new reporting segment for its U.S. midstream business separate from its upstream oil and gas development activities. The midstream business is operated by Altus, which owns, develops, and operates a midstream energy asset network in the Permian Basin of West Texas. Financial information for each segment is presented below:																																																																																																																																																																																																																																													
<table><thead><tr><th></th><th>Egypt<sup>(1)</sup></th><th>North Sea</th><th>U.S.</th><th>Altus Midstream</th><th>Intersegment Eliminations &amp; Other</th><th>Total<sup>(2)</sup></th></tr><tr><th></th><th>Upstream</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th></th><th colspan="6">(In millions)</th></tr></thead><tbody><tr><td colspan="7">2020</td></tr><tr><td>Oil revenues</td><td>\$1,102</td><td>\$ 795</td><td>\$ 1,209</td><td>\$ —</td><td>\$ —</td><td>\$ 3,106</td></tr><tr><td>Natural gas revenues</td><td>280</td><td>67</td><td>251</td><td>—</td><td>—</td><td>598</td></tr><tr><td>Natural gas liquids revenues</td><td>8</td><td>21</td><td>304</td><td>—</td><td>—</td><td>333</td></tr><tr><td>Oil, natural gas, and natural gas liquids production revenues</td><td>1,390</td><td>883</td><td>1,764</td><td>—</td><td>—</td><td>4,037</td></tr><tr><td>Purchased oil and gas sales</td><td>—</td><td>—</td><td>394</td><td>4</td><td>—</td><td>398</td></tr><tr><td>Midstream service affiliate revenues</td><td>—</td><td>—</td><td>—</td><td>145</td><td>(145)</td><td>—</td></tr><tr><td></td><td>1,390</td><td>883</td><td>2,158</td><td>149</td><td>(145)</td><td>4,435</td></tr><tr><td>Operating Expenses:</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Lease operating expenses</td><td>424</td><td>305</td><td>400</td><td>—</td><td>(2)</td><td>1,127</td></tr><tr><td>Gathering, processing, and transmission</td><td>38</td><td>50</td><td>291</td><td>38</td><td>(143)</td><td>274</td></tr><tr><td>Purchased oil and gas costs</td><td>—</td><td>—</td><td>354</td><td>3</td><td>—</td><td>357</td></tr><tr><td>Taxes other than income</td><td>—</td><td>—</td><td>108</td><td>15</td><td>—</td><td>123</td></tr><tr><td>Exploration</td><td>63</td><td>28</td><td>168</td><td>—</td><td>15</td><td>274</td></tr><tr><td>Depreciation, depletion, and amortization</td><td>601</td><td>380</td><td>779</td><td>12</td><td>—</td><td>1,772</td></tr><tr><td>Asset retirement obligation accretion</td><td>—</td><td>73</td><td>32</td><td>4</td><td>—</td><td>109</td></tr><tr><td>Impairments</td><td>529</td><td>7</td><td>3,963</td><td>2</td><td>—</td><td>4,501</td></tr><tr><td></td><td>1,655</td><td>843</td><td>6,095</td><td>74</td><td>(130)</td><td>8,537</td></tr><tr><td>Operating Income (Loss)</td><td>\$ (265)</td><td>\$ 40</td><td>\$ (3,937)</td><td>\$ 75</td><td>\$ (15)</td><td>(4,102)</td></tr><tr><td>Other Income (Expense):</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Gain on divestitures, net</td><td></td><td></td><td></td><td></td><td></td><td>32</td></tr><tr><td>Derivative instrument losses, net</td><td></td><td></td><td></td><td></td><td></td><td>(223)</td></tr><tr><td>Other</td><td></td><td></td><td></td><td></td><td></td><td>64</td></tr><tr><td>General and administrative</td><td></td><td></td><td></td><td></td><td></td><td>(290)</td></tr><tr><td>Transaction, reorganization, and 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liquids revenues	8	21	304	—	—	333	Oil, natural gas, and natural gas liquids production revenues	1,390	883	1,764	—	—	4,037	Purchased oil and gas sales	—	—	394	4	—	398	Midstream service affiliate revenues	—	—	—	145	(145)	—		1,390	883	2,158	149	(145)	4,435	Operating Expenses:							Lease operating expenses	424	305	400	—	(2)	1,127	Gathering, processing, and transmission	38	50	291	38	(143)	274	Purchased oil and gas costs	—	—	354	3	—	357	Taxes other than income	—	—	108	15	—	123	Exploration	63	28	168	—	15	274	Depreciation, depletion, and amortization	601	380	779	12	—	1,772	Asset retirement obligation accretion	—	73	32	4	—	109	Impairments	529	7	3,963	2	—	4,501		1,655	843	6,095	74	(130)	8,537	Operating Income (Loss)	\$ (265)	\$ 40	\$ (3,937)	\$ 75	\$ (15)	(4,102)	Other Income (Expense):							Gain on divestitures, net						32	Derivative instrument losses, net						(223)	Other						64	General and administrative						(290)	Transaction, reorganization, and separation						(54)	Financing costs, net						(267)	Loss Before Income Taxes						\$ (4,840)	Total Assets <sup>(3)</sup>	\$3,003	\$2,220	\$ 5,540	\$ 1,786	\$ 197	\$12,746	Net Property and Equipment	\$1,955	\$1,773	\$ 4,760	\$ 196	\$ 135	\$ 8,819	Additions to Net Property and Equipment	\$ 454	\$ 215	\$ 345	\$ 12	\$ 136	\$ 1,162
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Derivative instrument losses, net						(35)
Other						54
General and administrative						(406)
Transaction, reorganization, and separation						(50)
Financing costs, net						(462)
Loss Before Income Taxes						<u>\$(3,008)</u>
Total Assets <sup>(3)</sup>	\$3,700	\$2,473	\$10,388	\$ 1,479	\$ 67	\$18,107
Net Property and Equipment	<u>\$2,573</u>	<u>\$1,956</u>	<u>\$ 9,385</u>	<u>\$ 206</u>	<u>\$ 38</u>	<u>\$14,158</u>
Additions to Net Property and Equipment	\$ 454	\$ 183	\$ 1,696	\$ 308	\$ 93	\$ 2,734
	<u>Egypt<sup>(1)</sup></u>	<u>North Sea</u>	<u>U.S.</u>	<u>Altus Midstream</u>	<u>Intersegment Eliminations &amp; Other</u>	<u>Total<sup>(2)</sup></u>
	<u>Upstream</u>					
	<u>(In millions)</u>					
<b>2018</b>						
Oil revenues	\$2,396	\$1,179	\$ 2,271	\$ —	\$ —	\$ 5,846
Natural gas revenues	339	122	458	—	—	919
Natural gas liquids revenues	13	20	550	—	—	583
Oil, natural gas, and natural gas liquids production revenues	2,748	1,321	3,279	—	—	7,348
Purchased oil and gas sales	—	—	357	—	—	357
Midstream service affiliate revenues	—	—	—	77	(77)	—
	<u>2,748</u>	<u>1,321</u>	<u>3,636</u>	<u>77</u>	<u>(77)</u>	<u>7,705</u>
Operating Expenses:						
Lease operating expenses	428	341	670	—	—	1,439
Gathering, processing, and transmission	47	42	282	54	(77)	348
Purchased oil and gas costs	—	—	340	—	—	340
Taxes other than income	—	—	207	8	—	215
Exploration	88	192	219	—	—	503
Depreciation, depletion, and amortization	745	375	1,266	19	—	2,405
Asset retirement obligation accretion	—	75	32	1	—	108
Impairments	63	10	438	—	—	511
	<u>1,371</u>	<u>1,035</u>	<u>3,454</u>	<u>82</u>	<u>(73)</u>	<u>5,869</u>
Operating Income (Loss)	<u>\$1,377</u>	<u>\$ 286</u>	<u>\$ 182</u>	<u>\$ (5)</u>	<u>\$ (4)</u>	<u>1,836</u>
Other Income (Expense):						
Gain on divestitures, net						23
Derivative instrument losses, net						(17)
Other						53
General and administrative						(431)
Transaction, reorganization, and separation						(28)
Financing costs, net						(478)
Income Before Income Taxes						<u>\$ 958</u>
Total Assets <sup>(3)</sup>	\$4,260	\$2,456	\$12,962	\$ 1,857	\$ 47	\$21,582
Net Property and Equipment	<u>\$2,856</u>	<u>\$2,148</u>	<u>\$12,145</u>	<u>\$ 1,227</u>	<u>\$ 45</u>	<u>\$18,421</u>
Additions to Net Property and Equipment	\$ 594	\$ 223	\$ 2,544	\$ 545	\$ 8	\$ 3,914

(1) Includes revenue from non-customers for the years ended December 31, 2020, 2019, and 2018 of:

	For the Year Ended December 31,		
	2020	2019	2018
	(In millions)		
Oil	\$ 95	\$ 410	\$ 592
Natural gas	14	40	58
Natural gas liquids	—	1	2

(2) Includes a noncontrolling interest in Egypt and Altus Midstream.

(3) Intercompany balances are excluded from total assets.

+ Details

## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited)	XBRL Details					12 Months Ended				
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020				
Extractive Industries [Abstract]	srt_ExtractiveIndustriesAbstract	srt_	xbri:stringItemType	na	duration					
Supplemental Oil and Gas Disclosures (Unaudited)						SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited)				
						<b>Oil and Gas Operations</b>				
						The following table sets forth revenue and direct cost information relating to the Company's oil and gas exploration and production activities. Apache has no long-term agreements to purchase oil or gas production from foreign governments or authorities.				
						United States	Egypt <sup>(1)</sup>	North Sea	Other International	Total <sup>(1)</sup>
						(In millions, except per boe)				
						<b>2020</b>				
Oil and gas production revenues						\$ 1,764	\$ 1,390	\$ 883	\$ —	\$ 4,037
Operating cost:										
Depreciation, depletion, and amortization <sup>(2)</sup>						726	540	377	—	1,643
Asset retirement obligation accretion						32	—	73	—	105
Lease operating expenses						400	424	305	—	1,129
Gathering, processing, and transmission						291	38	50	—	379
Exploration expenses						168	63	28	15	274
Impairments related to oil and gas properties						3,938	374	7	—	4,319
Production taxes <sup>(3)</sup>						106	—	—	—	106
Income tax						(818)	(22)	17	—	(823)
						4,843	1,417	857	15	7,132
Results of operations						<u>\$(3,079)</u>	<u>\$ (27)</u>	<u>\$ 26</u>	<u>\$(15)</u>	<u>\$(3,095)</u>
						<b>2019</b>				
Oil and gas production revenues						\$ 2,763	\$ 2,276	\$ 1,276	\$ —	\$ 6,315
Operating cost:										
Depreciation, depletion, and amortization <sup>(2)</sup>						1,508	641	363	—	2,512
Asset retirement obligation accretion						29	—	76	—	105
Lease operating expenses						645	484	320	—	1,449
Gathering, processing, and transmission						299	40	45	—	384
Exploration expenses						688	100	2	15	805
Impairments related to oil and gas properties						1,633	—	—	—	1,633
Production taxes <sup>(3)</sup>						191	—	—	—	191
Income tax						(468)	455	188	—	175
						4,525	1,720	994	15	7,254
Results of operations						<u>\$(1,762)</u>	<u>\$ 556</u>	<u>\$ 282</u>	<u>\$(15)</u>	<u>\$(939)</u>
						<b>2018</b>				
Oil and gas production revenues						\$ 3,279	\$ 2,748	\$ 1,321	\$ —	\$ 7,348
Operating cost:										
Depreciation, depletion, and amortization <sup>(2)</sup>						1,206	688	371	—	2,265
Asset retirement obligation accretion						32	—	75	—	107
Lease operating expenses						670	428	341	—	1,439
Gathering, processing, and transmission						282	47	42	—	371
Exploration expenses						219	88	192	4	503
Impairments related to oil and gas properties						265	63	10	—	338
Production taxes <sup>(3)</sup>						203	—	—	—	203
Income tax						87	645	116	—	848
						2,964	1,959	1,147	4	6,074
Results of operations						<u>\$ 315</u>	<u>\$ 789</u>	<u>\$ 174</u>	<u>\$(4)</u>	<u>\$ 1,274</u>
						(1) Includes a noncontrolling interest in Egypt.				
						(2) Reflects DD&A of capitalized costs of oil and gas properties and, therefore, does not agree with DD&A reflected on <a href="#">Note 17—Business Segment Information</a> .				
						(3) Reflects only amounts directly related to oil and gas producing properties and, therefore, does not agree with taxes other than income reflected on <a href="#">Note 17—Business Segment Information</a> .				
						<b>Costs Incurred in Oil and Gas Property Acquisitions, Exploration, and Development Activities</b>				
						United States	Egypt <sup>(2)</sup>	North Sea	Other International	Total <sup>(2)</sup>
						(In millions)				
						<b>2020</b>				
Acquisitions:										
Proved						\$ —	\$ 7	\$ —	\$ —	\$ 7
Unproved						4	—	—	—	4
Exploration						8	102	68	150	328
Development						332	378	162	—	872
Costs incurred <sup>(1)</sup>						<u>\$ 344</u>	<u>\$ 487</u>	<u>\$ 230</u>	<u>\$ 150</u>	<u>\$ 1,211</u>
						<sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:				
Capitalized interest						\$ —	\$ —	\$ —	\$ 3	\$ 3
Asset retirement costs						9	—	29	—	38
						<b>2019</b>				
Acquisitions:										
Proved						\$ 3	\$ 5	\$ —	\$ —	\$ 8
Unproved						47	10	—	—	57
Exploration						162	139	62	105	468
Development						1,500	374	119	3	1,996
Costs incurred <sup>(1)</sup>						<u>\$ 1,712</u>	<u>\$ 528</u>	<u>\$ 181</u>	<u>\$ 108</u>	<u>\$ 2,529</u>
						<sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:				

Capitalized interest	\$ 23	\$ —	\$ 5	\$ 4	\$ 32
Asset retirement costs	14	—	(111)	—	(97)
<b>2018</b>					
Acquisitions:					
Proved	\$ —	\$ 6	\$ —	\$ —	\$ 6
Unproved	111	16	—	—	127
Exploration	640	175	113	12	940
Development	1,791	457	133	—	2,381
Costs incurred <sup>(1)</sup>	\$ 2,542	\$ 654	\$ 246	\$ 12	\$ 3,454
<sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:					
Capitalized interest	\$ 23	\$ —	\$ 11	\$ 2	\$ 36
Asset retirement costs	93	—	(62)	—	31

<sup>(2)</sup> Includes a noncontrolling interest in Egypt.

#### Capitalized Costs

The following table sets forth the capitalized costs and associated accumulated depreciation, depletion, and amortization relating to the Company's oil and gas acquisition, exploration, and development activities:

	United States	Egypt <sup>(1)</sup>	North Sea	Other International	Total <sup>(1)</sup>
(In millions)					
<b>2020</b>					
Proved properties	\$20,343	\$12,069	\$8,805	\$ —	\$41,217
Unproved properties	348	77	42	135	602
	20,691	12,146	8,847	135	41,819
Accumulated DD&A	(16,252)	(10,290)	(7,081)	—	(33,623)
	\$ 4,439	\$ 1,856	\$ 1,766	\$ 135	\$ 8,196
<b>2019</b>					
Proved properties	\$20,291	\$11,614	\$8,635	\$ —	\$40,540
Unproved properties	509	109	10	38	666
	20,800	11,723	8,645	38	41,206
Accumulated DD&A	(11,783)	(9,377)	(6,700)	—	(27,860)
	\$ 9,017	\$ 2,346	\$ 1,945	\$ 38	\$ 13,346

(1) Includes a noncontrolling interest in Egypt.

#### Oil and Gas Reserve Information

Proved oil and gas reserves are those quantities of natural gas, crude oil, condensate, and NGLs, which by analysis of geoscience and engineering data, can be estimated with reasonable certainty to be economically producible from a given date forward, from known reservoirs, and under existing economic conditions, operating methods, and government regulations. Estimated proved developed oil and gas reserves can be expected to be recovered through existing wells with existing equipment and operating methods. The Company reports all estimated proved reserves held under production-sharing arrangements utilizing the "economic interest" method, which excludes the host country's share of reserves.

Estimated reserves that can be produced economically through application of improved recovery techniques are included in the "proved" classification when successful testing by a pilot project or the operation of an active, improved recovery program using reliable technology establishes the reasonable certainty for the engineering analysis on which the project or program is based. Economically producible means a resource that generates revenue that exceeds, or is reasonably expected to exceed, the costs of the operation. Reasonable certainty means a high degree of confidence that the quantities will be recovered. Reliable technology is a grouping of one or more technologies (including computational methods) that has been field-tested and has been demonstrated to provide reasonably certain results with consistency and repeatability in the formation being evaluated or in an analogous formation. In estimating its proved reserves, Apache uses several different traditional methods that can be classified in three general categories: (1) performance-based methods; (2) volumetric-based methods; and (3) analogy with similar properties. Apache will, at times, utilize additional technical analysis such as computer reservoir models, petrophysical techniques, and proprietary 3-D seismic interpretation methods to provide additional support for more complex reservoirs. Information from this additional analysis is combined with traditional methods outlined above to enhance the certainty of the Company's reserve estimates.

There are numerous uncertainties inherent in estimating quantities of proved reserves and projecting future rates of production and timing of development expenditures. The reserve data in the following tables only represent estimates and should not be construed as being exact.

Crude Oil and Condensate					
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>	
(Thousands of barrels)					
<b>Proved developed reserves:</b>					
December 31, 2017	304,279	124,568	92,598	521,445	
December 31, 2018	300,484	110,014	104,491	514,989	
December 31, 2019	278,145	103,573	101,712	483,430	
December 31, 2020	206,936	95,981	86,566	389,483	
<b>Proved undeveloped reserves:</b>					
December 31, 2017	31,904	16,198	14,013	62,115	
December 31, 2018	45,182	9,484	11,278	65,944	
December 31, 2019	46,716	10,831	10,049	67,596	
December 31, 2020	25,516	11,228	7,273	44,017	
<b>Total proved reserves:</b>					
Balance December 31, 2017	336,183	140,766	106,611	583,560	
Extensions, discoveries and other additions	61,976	22,473	15,682	100,131	
Purchases of minerals in-place	140	—	—	140	
Revisions of previous estimates	(14,334)	(9,556)	10,613	(13,277)	
Production	(38,252)	(34,185)	(17,137)	(89,574)	
Sales of minerals in-place	(47)	—	—	(47)	
Balance December 31, 2018	345,666	119,498	115,769	580,933	
Extensions, discoveries and other additions	52,297	21,039	9,017	82,353	
Revisions of previous estimates	(16,446)	4,752	5,132	(6,562)	
Production	(38,344)	(30,885)	(18,157)	(87,386)	
Sales of minerals in-place	(18,312)	—	—	(18,312)	
Balance December 31, 2019	324,861	114,404	111,761	551,026	
Extensions, discoveries and other additions	17,858	17,855	5,275	40,988	
Revisions of previous estimates	(69,247)	2,541	(4,756)	(71,462)	
Production	(32,299)	(27,591)	(18,441)	(78,331)	
Sales of minerals in-place	(8,721)	—	—	(8,721)	
Balance December 31, 2020	232,452	107,209	93,839	433,500	

(1) Includes proved reserves of 36 MMbbls, 38 MMbbls, 40 MMbbls, and 47 MMbbls as of December 31, 2020, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

Natural Gas Liquids				
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
(Thousands of barrels)				
<b>Proved developed reserves:</b>				
December 31, 2017	171,005	685	2,025	173,715

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December 31, 2018	197,574	502	1,938	200,014
December 31, 2019	158,794	667	2,317	161,778
December 31, 2020	150,599	716	2,053	153,368
<b>Proved undeveloped reserves:</b>				
December 31, 2017	29,559	39	353	29,951
December 31, 2018	33,796	60	631	34,487
December 31, 2019	23,569	90	660	24,319
December 31, 2020	15,141	126	320	15,587
<b>Total proved reserves:</b>				
Balance December 31, 2017	200,564	724	2,378	203,666
Extensions, discoveries and other additions	60,990	144	1,444	62,578
Purchases of minerals in-place	40	—	—	40
Revisions of previous estimates	(9,250)	31	(819)	(10,038)
Production	(20,969)	(337)	(434)	(21,740)
Sales of minerals in-place	(5)	—	—	(5)
Balance December 31, 2018	231,370	562	2,569	234,501
Extensions, discoveries and other additions	41,343	27	697	42,067
Revisions of previous estimates	(32,569)	508	345	(31,716)
Production	(24,959)	(340)	(634)	(25,933)
Sales of minerals in-place	(32,822)	—	—	(32,822)
Balance December 31, 2019	182,363	757	2,977	186,097
Extensions, discoveries and other additions	11,435	97	312	11,844
Revisions of previous estimates	(469)	264	(207)	(412)
Production	(27,133)	(276)	(709)	(28,118)
Sales of minerals in-place	(456)	—	—	(456)
Balance December 31, 2020	165,740	842	2,373	168,955

(1) Includes proved reserves of 281 Mbbls, 252 Mbbls, 187 Mbbls, and 241 Mbbls as of December 31, 2020, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

	Natural Gas			
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
	(Millions of cubic feet)			
<b>Proved developed reserves:</b>				
December 31, 2017	1,347,009	540,667	83,342	1,971,018
December 31, 2018	1,626,403	476,132	95,347	2,197,882
December 31, 2019	945,938	433,382	106,329	1,485,649
December 31, 2020	1,052,756	409,035	68,159	1,529,950
<b>Proved undeveloped reserves:</b>				
December 31, 2017	297,226	47,255	11,063	355,544
December 31, 2018	267,090	33,006	15,804	315,900
December 31, 2019	115,040	24,704	16,604	156,348
December 31, 2020	76,504	12,572	8,341	97,417
<b>Total proved reserves:</b>				
Balance December 31, 2017	1,644,235	587,922	94,405	2,326,562
Extensions, discoveries and other additions	704,135	79,394	55,274	838,803
Purchases of minerals in-place	906	—	—	906
Revisions of previous estimates	(239,204)	(38,892)	(21,933)	(300,029)
Production	(216,538)	(119,286)	(16,595)	(352,419)
Sales of minerals in-place	(41)	—	—	(41)
Balance December 31, 2018	1,893,493	509,138	111,151	2,513,782
Extensions, discoveries and other additions	249,205	34,758	27,711	311,674
Revisions of previous estimates	(509,753)	18,570	4,015	(487,168)
Production	(233,447)	(104,380)	(19,944)	(357,771)
Sales of minerals in-place	(338,520)	—	—	(338,520)
Balance December 31, 2019	1,060,978	458,086	122,933	1,641,997
Extensions, discoveries and other additions	60,965	83,718	8,140	152,823
Revisions of previous estimates	215,166	(19,849)	(33,541)	161,776
Production	(205,594)	(100,348)	(21,032)	(326,974)
Sales of minerals in-place	(2,255)	—	—	(2,255)
Balance December 31, 2020	1,129,260	421,607	76,500	1,627,367

(1) Includes proved reserves of 141 Bcf, 153 Bcf, 170 Bcf, and 196 Bcf as of December 31, 2020, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

Total Equivalent Reserves				
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
	(Thousands barrels of oil equivalent)			
<b>Proved developed reserves:</b>				
December 31, 2017	699,786	215,364	108,513	1,023,663
December 31, 2018	769,125	189,871	122,320	1,081,316
December 31, 2019	594,595	176,470	121,751	892,816
December 31, 2020	532,994	164,870	99,979	797,843
<b>Proved undeveloped reserves:</b>				
December 31, 2017	111,001	24,112	16,210	151,323
December 31, 2018	123,493	15,045	14,543	153,081
December 31, 2019	89,458	15,038	13,476	117,972
December 31, 2020	53,408	13,449	8,983	75,840
<b>Total proved reserves:</b>				
Balance December 31, 2017	810,787	239,476	124,723	1,174,986
Extensions, discoveries and other additions	240,322	35,849	26,338	302,509
Purchases of minerals in-place	331	—	—	331
Revisions of previous estimates	(63,451)	(16,007)	6,139	(73,319)
Production	(95,312)	(54,402)	(20,337)	(170,051)
Sales of minerals in-place	(59)	—	—	(59)
Balance December 31, 2018	892,618	204,916	136,863	1,234,397
Extensions, discoveries and other additions	135,174	26,859	14,333	176,366
Revisions of previous estimates	(133,974)	8,355	6,146	(119,473)
Production	(102,211)	(48,622)	(22,115)	(172,948)
Sales of minerals in-place	(107,554)	—	—	(107,554)
Balance December 31, 2019	684,053	191,508	135,227	1,010,788
Extensions, discoveries and other additions	39,454	31,905	6,944	78,303
Revisions of previous estimates	(33,854)	(502)	(10,554)	(44,910)
Production	(93,698)	(44,592)	(22,655)	(160,945)
Sales of minerals in-place	(9,553)	—	—	(9,553)
Balance December 31, 2020	586,402	178,319	108,962	873,683

(1) Includes total proved reserves of 59 MMboe, 64 MMboe, 68 MMboe, and 80 MMboe as of December 31, 2020, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

During 2020, Apache added approximately 78 MMboe from extensions, discoveries, and other additions. The Company recorded 39 MMboe of exploration and development adds in the U.S., primarily in the Southern Midland Basin (26 MMboe) associated with the Wolfcamp and Spraberry drilling programs and the remainder in the Delaware Basin and Austin Chalk. The international operations contributed 39 MMboe of exploration and development adds during 2020, with Egypt contributing 32 MMboe from onshore exploration and appraisal activity primarily in the Khaldia Area and Umbarka Area concessions. The North Sea contributed 7 MMboe from drilling success, primarily in the Beryl Field. The Company had combined downward revisions of previously estimated reserves of 45 MMboe. Downward revisions related to changes in product prices accounted for 70 MMboe, engineering and performance upward revisions accounted for 27 MMboe, and downward interest revisions accounted



for 2 MMboe. The Company also sold 10 MMboe of proved reserves associated with U.S. divestitures, primarily related to Eastern Shelf and Magnet Withers/Pickett Ridge.

During 2019, Apache added approximately 176 MMboe from extensions, discoveries, and other additions. The Company recorded 135 MMboe of exploration and development adds in the U.S., primarily associated with Woodford, Bone Springs, Spraberry, Barnett, and Wolfcamp drilling programs in the Permian Basin (129 MMboe) and various offset drilling activity in the Midcontinent region (6 MMboe). The Company's international assets contributed 41 MMboe of exploration and development adds during 2019. Egypt contributed 27 MMboe from onshore exploration and appraisal activity in the Khalda Extension 2, Khalda, Khalda Extension 3, East Bahariya Extension 3, and West Kanayis concessions. The North Sea contributed 14 MMboe from drilling success in the Beryl and Forties fields. The Company had combined downward revisions of previously estimated reserves of 119 MMboe. Downward revisions related to changes in product prices accounted for 139 MMboe and engineering and performance upward revisions accounted for 20 MMboe. The Company also sold 107 MMboe of proved reserves associated with U.S. divestitures, primarily related to the sale of the Company's Woodford-SCOOP and STACK plays and western Anadarko Basin assets.

During 2018, Apache added approximately 303 MMboe from extensions, discoveries, and other additions. The Company recorded 240 MMboe of exploration and development adds in the U.S., primarily associated with Woodford, Bone Springs, Yeso, Barnett, and Wolfcamp drilling programs in the Permian Basin (217 MMboe) and Woodford and Austin Chalk drilling activity in the Midcontinent region (20 MMboe). The Company's international assets contributed 62 MMboe of exploration and development adds during 2018. Egypt contributed 36 MMboe from onshore exploration and appraisal activity in the Khalda Extension 2, Khalda, Khalda Extension 3, Matruh, and West Kalabsha concessions. The North Sea contributed 26 MMboe from drilling success in the Beryl and Forties fields. The Company had combined downward revisions of previously estimated reserves of 73 MMboe. Downward revisions related to changes in product prices accounted for 24 MMboe, interest revisions accounted for 5 MMboe, and engineering and performance downward revisions accounted for 44 MMboe.

Approximately 10 percent of the Company's year-end 2020 estimated proved developed reserves are classified as proved not producing. These reserves relate to zones that are either behind pipe, or that have been completed but not yet produced, or zones that have been produced in the past, but are not now producing because of mechanical reasons. These reserves are considered to be a lower tier of reserves than producing reserves because they are frequently based on volumetric calculations rather than performance data. Future production associated with behind pipe reserves is scheduled to follow depletion of the currently producing zones in the same wellbores. Additional capital may have to be spent to access these reserves. The capital and economic impact of production timing are reflected in this Note 18, under "Future Net Cash Flows."

#### Future Net Cash Flows

Future cash inflows as of December 31, 2020, 2019, and 2018 were calculated using an unweighted arithmetic average of oil and gas prices in effect on the first day of each month in the respective year, except where prices are defined by contractual arrangements. Operating costs, production and ad valorem taxes and future development costs are based on current costs with no escalation. Future development costs include abandonment and dismantlement costs.

The following table sets forth unaudited information concerning future net cash flows for proved oil and gas reserves, net of income tax expense. Income tax expense has been computed using expected future tax rates and giving effect to tax deductions and credits available, under current laws, and which relate to oil and gas producing activities. This information does not purport to present the fair market value of the Company's oil and gas assets, but does present a standardized disclosure concerning possible future net cash flows that would result under the assumptions used.

	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
	(In millions)			
<b>2020</b>				
Cash inflows	\$ 12,537	\$ 5,560	\$ 4,122	\$ 22,219
Production costs	(6,244)	(1,704)	(2,388)	(10,336)
Development costs	(1,555)	(633)	(2,448)	(4,636)
Income tax expense	—	(1,096)	316	(780)
Net cash flows	4,738	2,127	(398)	6,467
10 percent discount rate	(1,829)	(437)	1,111	(1,155)
Discounted future net cash flows <sup>(2)</sup>	\$ 2,909	\$ 1,690	\$ 713	\$ 5,312
<b>2019</b>				
Cash inflows	\$ 21,694	\$ 8,306	\$ 7,454	\$ 37,454
Production costs	(10,642)	(1,847)	(2,730)	(15,219)
Development costs	(1,740)	(707)	(2,651)	(5,098)
Income tax expense	(27)	(1,930)	(784)	(2,741)
Net cash flows	9,285	3,822	1,289	14,396
10 percent discount rate	(4,003)	(808)	297	(4,514)
Discounted future net cash flows <sup>(2)</sup>	\$ 5,282	\$ 3,014	\$ 1,586	\$ 9,882
<b>2018</b>				
Cash inflows	\$ 29,906	\$ 9,866	\$ 9,206	\$ 48,978
Production costs	(13,699)	(1,799)	(2,588)	(18,086)
Development costs	(2,150)	(792)	(2,714)	(5,656)
Income tax expense	(19)	(2,455)	(1,352)	(3,826)
Net cash flows	14,038	4,820	2,552	21,410
10 percent discount rate	(6,516)	(1,066)	(107)	(7,689)
Discounted future net cash flows <sup>(2)</sup>	\$ 7,522	\$ 3,754	\$ 2,445	\$ 13,721

(1) Includes discounted future net cash flows of approximately \$563 million, \$1.0 billion, and \$1.3 billion as of December 31, 2020, 2019, and 2018, respectively, attributable to a noncontrolling interest in Egypt.

(2) Estimated future net cash flows before income tax expense, discounted at 10 percent per annum, totaled approximately \$7.1 billion, \$12.4 billion, and \$16.9 billion as of December 31, 2020, 2019, and 2018, respectively.

The following table sets forth the principal sources of change in the discounted future net cash flows:

	For the Year Ended December 31,		
	2020	2019	2018
	(In millions)		
Sales, net of production costs	\$ (2,422)	\$ (4,291)	\$ (5,335)
Net change in prices and production costs	(5,753)	(3,034)	3,902
Discoveries and improved recovery, net of related costs	751	2,042	3,889
Change in future development costs	20	(75)	47
Previously estimated development costs incurred during the period	576	983	910
Revision of quantities	(418)	(741)	(648)
Purchases of minerals in-place	—	—	6
Accretion of discount	1,236	1,693	1,216
Change in income taxes	1,533	720	(1,125)
Sales of minerals in-place	(104)	(817)	(1)
Change in production rates and other	11	(319)	777
	<u>\$ (4,570)</u>	<u>\$ (3,839)</u>	<u>\$ 3,638</u>

+ Details

## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Policies)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Policies)	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020
Accounting Policies [Abstract]	us-gaap_AccountingPoliciesAbstract	us-gaap_	xbri:stringItemType	na	duration	
Principles of Consolidation						<p><b>Principles of Consolidation</b></p> <p>The accompanying consolidated financial statements include the accounts of Apache and its subsidiaries after elimination of intercompany balances and transactions. The Company's undivided interests in oil and gas exploration and production ventures and partnerships are proportionately consolidated.</p> <p>The Company consolidates all other investments in which, either through direct or indirect ownership, it has more than a 50 percent voting interest or controls the financial and operating decisions. Noncontrolling interests represent third-party ownership in the net assets of a consolidated subsidiary of Apache and are reflected separately in the Company's financial statements. Sinopec International Petroleum Exploration and Production Corporation (Sinopec) owns a one-third minority participation in Apache's Egypt oil and gas business as a noncontrolling interest, which is reflected as a separate component of equity in the Company's consolidated balance sheet.</p> <p>Additionally, third-party investors own a minority interest of approximately 21 percent of Altus Midstream Company (ALTM), which is reflected as a separate noncontrolling interest component of equity in Apache's consolidated balance sheet. ALTM qualifies as a variable interest entity (VIE) under GAAP. Apache consolidates the activities of ALTM because it has concluded that it has a controlling financial interest in ALTM and is the primary beneficiary of the VIE. On June 12, 2019, Altus Midstream LP issued and sold Series A Cumulative Redeemable Preferred Units (the Preferred Units) through a private offering that admitted additional limited partners with separate rights for the Preferred Unit holders. Refer to <a href="#">Note 13—Redeemable Noncontrolling Interest - Altus</a> for further detail. Investments in which the Company holds less than 50 percent of the voting interest are typically accounted for under the equity method of accounting, with the balance recorded separately as "Equity method interests" in the Company's consolidated balance sheet and as a component of "Other" under "Revenues and Other" in the Company's statement of consolidated operations.</p>
Use of Estimates	us-gaap_UseOfEstimates	us-gaap_	nonnum:textBlockItemType	na	duration	<p><b>Use of Estimates</b></p> <p>Preparation of financial statements in conformity with GAAP and disclosure of contingent assets and liabilities requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. The Company bases its estimates on historical experience and various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about carrying values of assets and liabilities that are not readily apparent from other sources. The Company evaluates its estimates and assumptions on a regular basis. Actual results may differ from these estimates and assumptions used in preparation of the Company's financial statements and changes in these estimates are recorded when known. Significant estimates with regard to these financial statements include the estimates of fair value for long-lived assets (see "Fair Value Measurements" and "Property and Equipment" sections in this Note 1 below), the fair value determination of acquired assets and liabilities (see <a href="#">Note 2—Acquisitions and Divestitures</a>), the assessment of asset retirement obligations (see <a href="#">Note 8—Asset Retirement Obligation</a>), the estimate of income taxes (see <a href="#">Note 10—Income Taxes</a>), and the estimate of proved oil and gas reserves and</p>

Fair Value Measurements

related present value estimates of future net cash flows therefrom (see [Note 18—Supplemental Oil and Gas Disclosures \(Unaudited\)](#)).

**Fair Value Measurements**

Certain assets and liabilities are reported at fair value on a recurring basis in Apache's consolidated balance sheet. Accounting Standards Codification (ASC) 820-10-35, "Fair Value Measurement" (ASC 820), provides a hierarchy that prioritizes and defines the types of inputs used to measure fair value. The fair value hierarchy gives the highest priority to Level 1 inputs, which consist of unadjusted quoted prices for identical instruments in active markets. Level 2 inputs consist of quoted prices for similar instruments. Level 3 valuations are derived from inputs that are significant and unobservable; hence, these valuations have the lowest priority.

The valuation techniques that may be used to measure fair value include a market approach, an income approach, and a cost approach. A market approach uses prices and other relevant information generated by market transactions involving identical or comparable assets or liabilities. An income approach uses valuation techniques to convert future amounts to a single present amount based on current market expectations, including present value techniques, option-pricing models, and the excess earnings method. The cost approach is based on the amount that currently would be required to replace the service capacity of an asset (replacement cost).

Recurring fair value measurements are presented in further detail in [Note 4—Derivative Instruments and Hedging Activities](#), [Note 9—Debt and Financing Costs](#), [Note 12—Retirement and Deferred Compensation Plans](#), and [Note 13—Redeemable Noncontrolling Interest - Altus](#).

The Company also uses fair value measurements on a nonrecurring basis when certain qualitative assessments of its assets indicate a potential impairment. The following table presents a summary of asset impairments recorded in connection with fair value assessments:

	For the Year Ended December 31,		
	2020	2019	2018
	(In millions)		
Oil and gas proved property	\$4,319	\$1,484	\$328
Gathering, processing, and transmission facilities	68	1,295	56
Equity method investment	—	—	113
Divested unproved properties and leasehold	—	149	10
Goodwill	87	—	—
Inventory and other	27	21	4
Total Impairments	\$4,501	\$2,949	\$511

For the year ended December 31, 2020, the Company recorded asset impairments totaling \$4.5 billion in connection with fair value assessments.

Given the crude oil price collapse on lower demand and economic activity resulting from the coronavirus disease 2019 (COVID-19) global pandemic and related governmental actions, the Company assessed its oil and gas property and gathering, processing, and transmission (GPT) facilities for impairment based on the net book value of its assets as of March 31, 2020. The Company recorded proved property impairments totaling \$3.9 billion, \$354 million, and \$7 million in the U.S., Egypt, and North Sea, respectively, all of which were impaired to their estimated fair values as a result of lower forecasted commodity prices, changes to planned development activity, and increasing market uncertainty. Impairments totaling \$68 million were similarly recorded for GPT facilities in Egypt. These impairments are discussed in further detail below in "Property and Equipment - Oil and Gas Property" and "Property and Equipment - Gathering, Processing, and Transmission Facilities."

The Company also performed an interim impairment analysis of the goodwill related to its Egypt reporting

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duration

unit. Reductions in estimated net present value of expected future cash flows from oil and gas properties resulted in implied fair values below the carrying values of the Company's Egypt reporting unit. As a result of these assessments, the Company recognized non-cash impairments of the entire amount of recorded goodwill in the Egypt reporting unit of \$87 million in the first quarter of 2020.

During the remainder of 2020, the Company recorded additional proved property impairments totaling \$20 million in Egypt, as well as \$13 million for the early termination of drilling rig leases, \$5 million for inventory revaluations, and \$9 million of other asset impairments, all in the U.S.

During the fourth quarter of 2019, following a material reduction to planned investment in Apache's Alpine High development, the Company recorded impairments totaling \$1.4 billion for its Alpine High proved properties and upstream infrastructure which were written down to their fair values. Altus separately assessed its long-lived infrastructure assets for impairment based on expected reductions to future throughput volumes from Alpine High. Altus subsequently recorded impairments totaling \$1.3 billion on its GPT facilities. These impairments are discussed in further detail below in "Property and Equipment - Oil and Gas Property" and "Property and Equipment - Gathering, Processing, and Transmission Facilities."

Separate from the Company's Alpine High and Altus impairments, Apache entered into agreements to sell certain of its assets in the western Anadarko Basin in Oklahoma and Texas. As a result of these agreements, a separate impairment analysis was performed for each of the assets within the disposal groups. The analyses were based on the agreed-upon proceeds less costs to sell for the transaction, a Level 1 fair value measurement. The carrying value of the net assets to be divested exceeded the fair value implied by the expected net proceeds, resulting in impairments in the second and fourth quarters of 2019 totaling \$255 million, including \$101 million on the Company's proved properties, \$149 million on its unproved properties, and \$5 million on other working capital. For more information regarding this transaction, refer to [Note 2—Acquisitions and Divestitures](#).

For the year ended December 31, 2018, the Company recorded asset impairments totaling \$511 million in connection with fair value assessments. Impairments totaling \$328 million and \$56 million were recorded for proved properties, and a gathering and processing facility in Oklahoma, respectively, which were written down to their fair values associated with U.S. assets to be divested. During the third quarter of 2018, Apache agreed to sell certain of its unproved properties offshore the U.K. in the North Sea. As a result, the Company performed a fair value assessment of the properties and recorded a \$10 million impairment on the carrying values of the associated capitalized exploratory well costs. The fair value of the impaired assets was determined using the negotiated sales price, a Level 1 fair value measurement. Also in 2018, the Company recorded \$113 million for the impairment of an equity method investment in the U.S. based on a negotiated sales price and \$4 million for inventory write-downs in the U.S. for obsolescence.

Cash and Cash Equivalents	us-gaap_CashAndCashEquivalentsPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	Cash and Cash EquivalentsThe Company considers all highly liquid short-term investments with a maturity of three months or less at the time of purchase to be cash equivalents. These investments are carried at cost, which approximates fair value.
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Accounts Receivable and Allowance for Credit Losses

**Accounts Receivable and Allowance for Credit Losses**

Accounts receivable are stated at amortized cost net of an allowance for credit losses. The Company routinely assesses the collectability of its financial assets measured at amortized cost. In June 2016, the Financial Accounting Standards Board (FASB) issued ASU 2016-13, "Financial Instruments-Credit Losses." The standard changes the

	us-gaap_ReceivablesPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	impairment model for trade receivables, held-to-maturity debt securities, net investments in leases, loans, and other financial assets measured at amortized cost. This ASU requires the use of a new forward-looking "expected loss" model compared to the previous "incurred loss" model, resulting in accelerated recognition of credit losses. Apache adopted this update in the first quarter of 2020. This ASU primarily applies to the Company's accounts receivable balances, of which the majority are received within a short-term period of one year or less. The Company monitors the credit quality of its counterparties through review of collections, credit ratings, and other analyses. The Company develops its estimated allowance for credit losses primarily using an aging method and analyses of historical loss rates as well as consideration of current and future conditions that could impact its counterparties' credit quality and liquidity. The adoption and implementation of this ASU did not have a material impact on the Company's financial statements.
Inventories	us-gaap_InventoryPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	<p><b><u>Inventories</u></b></p> <p>Inventories consist principally of tubular goods and equipment and are stated at the lower of weighted-average cost or net realizable value. Oil produced but not sold, primarily in the North Sea, is also recorded to inventory and is stated at the lower of the cost to produce or net realizable value.</p>
Property and Equipment	us-gaap_PropertyPlantAndEquipmentPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	<p><b><u>Property and Equipment</u></b></p> <p>The carrying value of the Company's property and equipment represents the cost incurred to acquire the property and equipment, including capitalized interest, net of any impairments. For business combinations, property and equipment cost is based on the fair values at the acquisition date.</p> <p><b>Other Property and Equipment</b> Other property and equipment includes computer software and equipment, buildings, vehicles, furniture and fixtures, land, and other equipment. These assets are depreciated on a straight-line basis over the estimated useful lives of the assets, which range from 3 to 20 years.</p>
Oil and Gas Property					<p><b><u>Oil and Gas Property</u></b></p> <p>The Company follows the successful efforts method of accounting for its oil and gas property. Under this method of accounting, exploration costs such as exploratory geological and geophysical costs, delay rentals, and exploration overhead are expensed as incurred. All costs related to production, general corporate overhead, and similar activities are expensed as incurred. If an exploratory well provides evidence to justify potential development of reserves, drilling costs associated with the well are initially capitalized, or suspended, pending a determination as to whether a commercially sufficient quantity of proved reserves can be attributed to the area as a result of drilling. This determination may take longer than one year in certain areas depending on, among other things, the amount of hydrocarbons discovered, the outcome of planned geological and engineering studies, the need for additional appraisal drilling activities to determine whether the discovery is sufficient to support an economic development plan, and government sanctioning of development activities in certain international locations. At the end of each quarter, management reviews the status of all suspended exploratory well costs in light of ongoing exploration activities; in particular, whether the Company is making sufficient progress in its ongoing exploration and appraisal efforts or, in the case of discoveries requiring government sanctioning, whether development negotiations are underway and proceeding as planned. If management determines that future appraisal drilling or development activities are unlikely to occur, associated suspended exploratory well costs are expensed.</p> <p>Acquisition costs of unproved properties are assessed for impairment at least annually and are transferred to proved oil and gas properties to the extent the costs are associated with successful</p>

					<p>exploration activities. Significant undeveloped leases are assessed individually for impairment based on the Company's current exploration plans. Unproved oil and gas properties with individually insignificant lease acquisition costs are amortized on a group basis over the average lease term at rates that provide for full amortization of unsuccessful leases upon lease expiration or abandonment. Costs of expired or abandoned leases are charged to exploration expense, while costs of productive leases are transferred to proved oil and gas properties. Costs of maintaining and retaining unproved properties, as well as amortization of individually insignificant leases and impairment of unsuccessful leases, are included in exploration costs in the statement of consolidated operations.</p> <p>Costs to develop proved reserves, including the costs of all development wells and related equipment used in the production of crude oil and natural gas, are capitalized. Depreciation of the cost of proved oil and gas properties is calculated using the unit-of-production (UOP) method. The UOP calculation multiplies the percentage of estimated proved reserves produced each quarter by the carrying value of associated proved oil and gas properties. The reserve base used to calculate depreciation for leasehold acquisition costs and the cost to acquire proved properties is the sum of proved developed reserves and proved undeveloped reserves. The reserve base used to calculate the depreciation for capitalized well costs is the sum of proved developed reserves only. Estimated future dismantlement, restoration and abandonment costs, net of salvage values, are included in the depreciable cost.</p> <p>Oil and gas properties are grouped for depreciation in accordance with ASC 932 "Extractive Activities—Oil and Gas." The basis for grouping is a reasonable aggregation of properties with a common geological structural feature or stratigraphic condition, such as a reservoir or field.</p> <p>When circumstances indicate that the carrying value of proved oil and gas properties may not be recoverable, the Company compares unamortized capitalized costs to the expected undiscounted pre-tax future cash flows for the associated assets grouped at the lowest level for which identifiable cash flows are independent of cash flows of other assets. If the expected undiscounted pre-tax future cash flows, based on Apache's estimate of future crude oil and natural gas prices, operating costs, anticipated production from proved reserves and other relevant data, are lower than the unamortized capitalized cost, the capitalized cost is reduced to fair value. Fair value is generally estimated using the income approach described in ASC 820. The expected future cash flows used for impairment reviews and related fair value calculations are typically based on judgmental assessments, a Level 3 fair value measurement.</p> <p>The significant decline in crude oil and natural gas prices, as well as longer-term commodity price outlooks, related to reduced demand for oil and natural gas as a result of the COVID-19 pandemic and related governmental actions indicated possible impairment of the Company's proved and unproved oil and gas properties in early 2020. In addition to estimating risk-adjusted reserves and future production volumes, estimated future commodity prices are the largest driver in variability of undiscounted pre-tax cash flows. Expected cash flows were estimated based on management's views of published West Texas Intermediate (WTI), Brent, and Henry Hub forward pricing as of the balance sheet dates. Other significant assumptions and inputs used to calculate estimated future cash flows include estimates for future development activity, exploration plans and remaining lease terms. A 10 percent discount rate, based on a market-based weighted-average cost of capital estimate, was applied to the undiscounted cash flow estimate to value all of the Company's asset groups that were subject to impairment charges in 2020. Similar assumptions were applied to impairments recorded in 2019 and 2018.</p> <p>The following table represents</p>
	us-gaap_IndustrySpecificPoliciesOilAndGasTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	



non-cash impairments charges of the carrying value of the Company's proved and unproved properties:

For the Year Ended December 31,			
	2020	2019	2018
(In millions)			
Proved properties:			
U.S.	\$3,938	\$1,484	\$265
Egypt	374	—	63
North Sea	7	—	—
Total proved properties	<u>\$4,319</u>	<u>\$1,484</u>	<u>\$328</u>
Unproved properties:			
U.S.	\$ 92	\$ 760	\$ 96
Egypt	8	8	—
North Sea	1	—	128
Total unproved properties	<u>\$ 101</u>	<u>\$ 768</u>	<u>\$224</u>

Proved properties impaired had aggregate fair values as of the most recent date of impairment of \$1.9 billion and \$628 million for 2020 and 2019, respectively.

Unproved leasehold impairments are typically recorded as a component of "Exploration" expense in the Company's statement of consolidated operations. However, in 2019, unproved impairments of \$149 million were recorded as a component of "Impairments" in connection with an agreement to sell certain non-core leasehold properties in Oklahoma and Texas. In addition, in 2018, unproved impairments of \$10 million were recorded as a component of "Impairments" in connection with an agreement to sell certain unproved properties in the North Sea. Gains and losses on divestitures of the Company's oil and gas properties are recognized in the statement of consolidated operations upon closing of the transaction.

#### ***Gathering, Processing, and Transmission Facilities***

GPT facilities totaled \$670 million and \$799 million at December 31, 2020 and 2019, respectively, with accumulated depreciation for these assets totaling \$323 million and \$310 million for the respective periods. GPT facilities are depreciated on a straight-line basis over the estimated useful lives of the assets. The estimation of useful life takes into consideration anticipated production lives from the fields serviced by the GPT assets, whether Apache-operated or third party-operated, as well as potential development plans by the Company for undeveloped acreage within or in close proximity to those fields.

The Company assesses the carrying amount of its GPT facilities whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. If the carrying amount of these facilities is more than the sum of the undiscounted cash flows, an impairment loss is recognized for the excess of the carrying value over its fair value.

Apache assessed its long-lived infrastructure assets for impairment at March 31, 2020, and recorded an impairment of \$68 million on its GPT facilities in Egypt during the first quarter of 2020. The fair values of the impaired assets, which were determined to be \$46 million, were estimated using the income approach, which considers internal estimates based on future throughput volumes from applicable development concessions in Egypt and estimated costs to operate. These assumptions were applied based on throughput assumptions developed in relation to the oil and gas proved property impairment assessment as discussed above to develop future cash flow projections that were then discounted to estimated fair value, using a 10 percent discount rate, based on a market-based weighted-average cost of capital estimate. Apache has classified these non-recurring fair value measurements as Level 3 in the fair value hierarchy.

As discussed under "Fair Value Measurements" above, the Company decided to materially reduce its planned investment in the Alpine High play during its fourth-quarter 2019 capital planning review. Altus management subsequently assessed its long-lived infrastructure assets for impairment given the expected

Gathering, Processing, and  
Transmission Facilities

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duration

reduction to future throughput volumes and recorded impairments of \$1.3 billion on its gathering, processing, and transmission assets. The fair values of the impaired assets were determined to be \$203 million as of the time of the impairment and were estimated using the income approach. The income approach considered internal estimates of future throughput volumes, processing rates, and costs. These assumptions were applied to develop future cash flow projections that were then discounted to estimated fair value, using discount rates believed to be consistent with those applied by market participants. Apache has classified these non-recurring fair value measurements as Level 3 in the fair value hierarchy.

During 2018, the Company recorded impairments of the entire net book value of certain GPT assets in the U.S. in the amount of \$56 million associated with a proposed divestiture package.

The costs of GPT assets sold or otherwise disposed of and associated accumulated depreciation are removed from Apache's consolidated financial statements, and the resulting gain or loss is reflected in "Gain on divestitures" under "Revenues and Other" in the Company's statement of consolidated operations. A \$2 million loss was recorded on the sale of power generators during 2020, and no gain or loss on the sales of GPT facilities was recognized during 2019 or 2018.

Asset Retirement Costs and Obligations	us-gaap_AssetRetirementObligationsAndEnvironmentalCostPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	<p><b>Asset Retirement Costs and Obligations</b></p> <p>The initial estimated asset retirement obligation related to property and equipment and subsequent revisions are recorded as a liability at fair value, with an offsetting asset retirement cost recorded as an increase to the associated property and equipment on the consolidated balance sheet. Revisions in estimated liabilities can result from changes in estimated inflation rates, changes in service and equipment costs and changes in the estimated timing of an asset's retirement. Asset retirement costs are depreciated using a systematic and rational method similar to that used for the associated property and equipment. Accretion expense on the liability is recognized over the estimated productive life of the related assets.</p>
Capitalized Interest	us-gaap_InterestCapitalizationPolicyPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	<p><b>Capitalized Interest</b>For significant projects, interest is capitalized as part of the historical cost of developing and constructing assets. Significant oil and gas investments in unproved properties actively being explored, significant exploration and development projects that have not commenced production, significant midstream development activities that are in progress, and investments in equity method affiliates that are undergoing the construction of assets that have not commenced principal operations qualify for interest capitalization. Interest is capitalized until the asset is ready for service. Capitalized interest is determined by multiplying the Company's weighted-average borrowing cost on debt by the average amount of qualifying costs incurred. Once an asset subject to interest capitalization is completed and placed in service, the associated capitalized interest is expensed through depreciation.</p>
Goodwill					<p><b>Goodwill</b></p> <p>Goodwill represents the excess of the purchase price of an entity over the estimated fair value of the assets acquired and liabilities assumed, and it is recorded in "Deferred charges and other" in the Company's consolidated balance sheet. The Company assesses the carrying amount of goodwill by testing for impairment annually and when impairment indicators arise. The impairment test requires allocating goodwill and all other assets and liabilities to assigned reporting units. Apache assesses each country as a reporting unit, with Egypt being the only reporting unit to have associated goodwill. The fair value of the reporting unit is determined and</p>

	us-gaap_GoodwillAndIntangibleAssetsPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	<p>compared to the book value of the reporting unit. If the fair value of the reporting unit is less than the book value, including goodwill, then goodwill is written down to its implied fair value through a charge to expense.</p> <p>When there is a disposal of a reporting unit or a portion of a reporting unit that constitutes a business, goodwill associated with that business is included in the carrying amount to determine the gain or loss on disposal. The amount of goodwill allocated to the carrying amount of a business can significantly impact the amount of gain or loss recognized on the sale of that business. The amount of goodwill to be included in that carrying amount is based on the relative fair value of the business to be disposed of and the portion of the reporting unit that will be retained.</p>
Commitments and Contingencies	us-gaap_CommitmentsAndContingenciesPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	<p>Commitments and ContingenciesAccruals for loss contingencies arising from claims, assessments, litigation, environmental and other sources are recorded when it is probable that a liability has been incurred and the amount can be reasonably estimated. These accruals are adjusted as additional information becomes available or circumstances change.</p>
Revenue Recognition					<p><b>Revenue Recognition</b></p> <p>The years ended 2019 and 2018 include the reclassification of \$176 million and \$357 million, respectively, from "Other" to "Purchased oil and gas sales," both within "Revenues and Other" and the respective associated \$142 million and \$340 million purchased oil and gas costs from "Other" within "Revenues and Other" to "Purchased oil and gas costs" within "Operating Expenses" on the Company's consolidated statement of operations to conform to the current-year presentation.</p> <p><b>Upstream</b></p> <p>The Company's upstream oil and gas segments primarily generate revenue from contracts with customers from the sale of its crude oil, natural gas, and natural gas liquids production volumes. In addition to Apache-related production volumes, the Company also sells commodity volumes purchased from third-parties to fulfill sales obligations and commitments as the Company's production fluctuates with potential operational issues and changes to development plans. Under these short-term commodity sales contracts, the physical delivery of each unit of quantity represents a single, distinct performance obligation on behalf of the Company. Contract prices are determined based on market-indexed prices, adjusted for quality, transportation, and other market-reflective differentials. Revenue is measured by allocating an entirely variable market price to each performance obligation and recognized at a point in time when control is transferred to the customer. The Company considers a variety of facts and circumstances in assessing the point of control transfer, including but not limited to: whether the purchaser can direct the use of the hydrocarbons, the transfer of significant risks and rewards, and the Company's right to payment. Control typically transfers to customers upon the physical delivery at specified locations within each contract and the transfer of title.</p> <p>The Company's Egypt operations are conducted pursuant to production sharing contracts under which the contractor partners (Contractors) pay all operating and capital costs for exploring and developing defined concessions. A percentage of the production, generally up to 40 percent, is available to Contractors to recover these operating and capital costs over contractually defined periods. The balance of the production is split among the Contractors and the Egyptian General Petroleum Corporation (EGPC) on a contractually defined basis. Additionally, the Contractors' income taxes, which remain the liability of the Contractors under domestic law, are paid by EGPC on behalf of the Contractors out of EGPC's production</p>
	us-gaap_RevenueFromContractWithCustomerPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	

					<p>entitlement. Income taxes paid to the Arab Republic of Egypt on behalf of Apache as Contractor are recognized as oil and gas sales revenue and income tax expense and reflected as production and estimated reserves. Revenues related to Egypt's tax volumes are considered revenue from a non-customer.</p> <p>Refer to <a href="#">Note 17—Business Segment Information</a> for a disaggregation of revenue by product and reporting segment.</p> <p><b>Altus Midstream</b></p> <p>The Company's Altus Midstream segment is operated by ALTM, through its subsidiary, Altus Midstream LP (collectively, Altus). Altus generates revenue from contracts with customers from its gathering, compression, processing, and transmission services provided on Apache's natural gas and natural gas liquid production volumes. Under these long-term commercial service contracts, providing the related service represents a single, distinct performance obligation on behalf of Altus that is satisfied over time. In accordance with the terms of these agreements, Altus receives a fixed fee for each contract year, subject to yearly fee escalation recalculations. Revenue is measured using the output method and recognized in the amount to which Altus has the right to invoice, as performance completed to date corresponds directly with the value to its customers. For the periods presented, Altus Midstream segment revenues were primarily attributable to sales between Altus and Apache, which are fully eliminated upon consolidation.</p> <p><b>Payment Terms and Contract Balances</b></p> <p>Payments under all contracts with customers are typically due and received within a short-term period of one year or less, after physical delivery of the product or service has been rendered. Receivables from contracts with customers, net of allowance for credit losses, totaled \$670 million and \$945 million as of December 31, 2020 and 2019, respectively.</p> <p>In accordance with the provisions of ASC 606, "Revenue from Contracts with Customers," variable market prices for each short-term commodity sale are allocated entirely to each performance obligation as the terms of payment relate specifically to the Company's efforts to satisfy its obligations. As such, the Company has elected the practical expedients available under the standard to not disclose the aggregate transaction price allocated to unsatisfied, or partially unsatisfied, performance obligations as of the end of the reporting period.</p>
Derivative Instruments and Hedging Activities					<p><b>Derivative Instruments and Hedging Activities</b></p> <p>Apache periodically enters into derivative contracts to manage its exposure to commodity price, interest rate, and/or foreign exchange risk. These derivative contracts, which are generally placed with major financial institutions, may take the form of forward contracts, futures contracts, swaps, or options.</p> <p>All derivative instruments, other than those that meet the normal purchases and sales exception, are recorded on the Company's consolidated balance sheet as either an asset or liability measured at fair value. The Company does not apply hedge accounting to any of its derivative instruments. As a result, gains and losses from the change in fair value of derivative instruments are reported in current-period income as "Derivative instrument losses, net" under "Revenues and Other" in the statement of consolidated operations.</p>
	us-gaap_DerivativesPolicyTextBlock		us-gaap_	nonnum:textBlockItemType na	duration
Income Taxes					<p><b>Income Taxes</b></p> <p>Apache records deferred tax assets and liabilities to account for the expected future tax consequences of events that have been recognized in the financial statements and tax returns. The Company routinely assesses the ability to realize its deferred tax assets. If the Company concludes that it is more likely than not that some or all of the deferred tax assets will not be realized, the tax</p>
	us-gaap_IncomeTaxPolicyTextBlock		us-gaap_	nonnum:textBlockItemType na	duration

					asset is reduced by a valuation allowance. Numerous judgments and assumptions are inherent in the determination of future taxable income, including factors such as future operating conditions (particularly as related to prevailing oil and gas prices) and changing tax laws.
Earnings Per Share	us-gaap_EarningsPerSharePolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	Earnings Per ShareThe Company's basic earnings per share (EPS) amounts have been computed based on the weighted-average number of shares of common stock outstanding for the period. Diluted EPS reflects potential dilution, using the treasury stock method, which assumes that options were exercised and restricted stock was fully vested. The Company uses the "if-converted method" to determine the potential dilutive effect of an assumed exchange of the outstanding Preferred Units of Altus Midstream for shares of Altus' common stock.
Stock-Based Compensation	us-gaap_CompensationRelatedCostsPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	Stock-Based CompensationApache grants various types of stock-based awards including stock options, restricted stock, cash-settled restricted stock units, and performance-based awards. Stock compensation equity awards granted are valued on the date of grant and are expensed over the required vesting service period. Cash-settled awards are recorded as a liability based on the Company's stock price and remeasured at the end of each reporting period over the vesting terms. The Company has elected to account for forfeitures as they occur rather than estimate expected forfeitures.
Treasury Stock	apa_TreasuryStockPolicyTextBlock	apa_	nonnum:textBlockItemType na	duration	<b><u>Treasury Stock</u></b> The Company follows the weighted-average-cost method of accounting for treasury stock transactions.
New Pronouncements Issued But Not Yet Adopted	us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	<b><u>New Pronouncements Issued But Not Yet Adopted</u></b>  In October 2020, the FASB issued ASU 2020-10, "Codification Improvements," which clarifies or improves disclosure requirements for various topics to align with Securities and Exchange Commission (SEC) regulations. This update is effective for the Company beginning in the first quarter of 2021 and will be applied retrospectively. The adoption and implementation of this ASU will not have a material impact on the Company's financial statements.  In August 2020, the FASB issued ASU 2020-06, "Debt-Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging-Contracts in Entity's Own Equity (Subtopic 815-40)" to improve financial reporting associated with the accounting for convertible instruments and contracts in an entity's own equity. This update is effective for the Company beginning in the first quarter of 2022, with early adoption permitted, using either the modified or fully retrospective method with a cumulative effect adjustment to the opening balance of retained earnings. The Company is evaluating the effect of adoption of the ASU and does not believe it will have a material impact on its financial statements. In March 2020, the FASB issued ASU 2020-04, "Reference Rate Reform (Topic 848)," which provides optional expedients and exceptions for applying U.S. GAAP to contracts, hedging relationships, and other transactions affected by the discontinuation of the London Interbank Offered Rate (LIBOR) or by another reference rate expected to be discontinued. In January 2021, the FASB issued ASU 2021-01, which clarified the scope and application of the original guidance. The guidance was effective beginning March 12, 2020 and can be applied prospectively through December 31, 2022. The Company is evaluating whether to apply any of these expedients and, if elected, will adopt these

						standards when LIBOR is discontinued.
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+ References + Details



## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Tables)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Tables)	XBRL Details					12 Months Ended																																																					
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																					
Accounting Policies [Abstract] Schedule of Asset Impairments Recorded in Connection with Fair Value Assessment	us-gaap_AccountingPoliciesAbstract	us-gaap_	xbri:stringItemType	na	duration	The following table presents a summary of asset impairments																																																					
	us-gaap_DetailsOfImpairmentOfLongLivedAssetsHeldAndUsedByAssetTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	Oil and gas proved proper Gathering, processing, and facilities Equity method investment Divested unproved proper Goodwill Inventory and other Total Impairments recorded in connection with fair value assessments:																																																					
Schedule of Allowance for Doubtful Accounts	us-gaap_AccountsReceivableAllowanceForCreditLossTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	The following table presents changes to the Company's allowance for credit loss: <table><tr><th colspan="4">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><td colspan="4">(In millions)</td></tr><tr><td>Allowance for credit loss at beginning of year</td><td>\$ 88</td><td>\$ 92</td><td>\$ 84</td></tr><tr><td>Additional provisions for the year</td><td>7</td><td>3</td><td>9</td></tr><tr><td>Uncollectible accounts written off, net of recoveries</td><td>—</td><td>(7)</td><td>(1)</td></tr><tr><td>Allowance for credit loss at end of year</td><td>\$ 95</td><td>\$ 88</td><td>\$ 92</td></tr></table>		For the Year Ended December 31,					2020	2019	2018	(In millions)				Allowance for credit loss at beginning of year	\$ 88	\$ 92	\$ 84	Additional provisions for the year	7	3	9	Uncollectible accounts written off, net of recoveries	—	(7)	(1)	Allowance for credit loss at end of year	\$ 95	\$ 88	\$ 92																								
For the Year Ended December 31,																																																											
	2020	2019	2018																																																								
(In millions)																																																											
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Uncollectible accounts written off, net of recoveries	—	(7)	(1)																																																								
Allowance for credit loss at end of year	\$ 95	\$ 88	\$ 92																																																								
Schedule of Non-cash Impairments of Proved and Unproved Properties	apa_ScheduleOfNoncashImpairmentsOfProvedAndUnprovedPropertyAndEquipmentTableTextBlock	apa_	nonnum:textBlockItemType	na	duration	The following table represents non-cash impairments charges of the carrying value of the Company's proved and unproved properties: <table><tr><th colspan="4">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><td colspan="4">(In millions)</td></tr><tr><td colspan="4">Proved properties:</td></tr><tr><td>U.S.</td><td>\$ 3,938</td><td>\$ 1,484</td><td>\$ 265</td></tr><tr><td>Egypt</td><td>374</td><td>—</td><td>63</td></tr><tr><td>North Sea</td><td>7</td><td>—</td><td>—</td></tr><tr><td>Total proved properties</td><td>\$ 4,319</td><td>\$ 1,484</td><td>\$ 328</td></tr><tr><td colspan="4">Unproved properties:</td></tr><tr><td>U.S.</td><td>\$ 92</td><td>\$ 760</td><td>\$ 96</td></tr><tr><td>Egypt</td><td>8</td><td>8</td><td>—</td></tr><tr><td>North Sea</td><td>1</td><td>—</td><td>128</td></tr><tr><td>Total unproved properties</td><td>\$ 101</td><td>\$ 768</td><td>\$ 224</td></tr></table>		For the Year Ended December 31,					2020	2019	2018	(In millions)				Proved properties:				U.S.	\$ 3,938	\$ 1,484	\$ 265	Egypt	374	—	63	North Sea	7	—	—	Total proved properties	\$ 4,319	\$ 1,484	\$ 328	Unproved properties:				U.S.	\$ 92	\$ 760	\$ 96	Egypt	8	8	—	North Sea	1	—	128	Total unproved properties	\$ 101	\$ 768	\$ 224
For the Year Ended December 31,																																																											
	2020	2019	2018																																																								
(In millions)																																																											
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Egypt	8	8	—																																																								
North Sea	1	—	128																																																								
Total unproved properties	\$ 101	\$ 768	\$ 224																																																								
Schedule of Goodwill	us-gaap_ScheduleOfGoodwillTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	The following presents the changes to goodwill for the years ended 2020, 2019, and 2018: <table><tr><th></th><th>Egypt</th><th>Total</th></tr><tr><td colspan="3">(In millions)</td></tr><tr><td>Goodwill at December 31, 2017</td><td>\$ 87</td><td>\$ 87</td></tr><tr><td>Goodwill at December 31, 2018</td><td>87</td><td>87</td></tr><tr><td>Goodwill at December 31, 2019</td><td>87</td><td>87</td></tr><tr><td>Goodwill at December 31, 2020</td><td>\$ —</td><td>\$ —</td></tr></table>			Egypt	Total	(In millions)			Goodwill at December 31, 2017	\$ 87	\$ 87	Goodwill at December 31, 2018	87	87	Goodwill at December 31, 2019	87	87	Goodwill at December 31, 2020	\$ —	\$ —																																		
	Egypt	Total																																																									
(In millions)																																																											
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Goodwill at December 31, 2019	87	87																																																									
Goodwill at December 31, 2020	\$ —	\$ —																																																									

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## Cover - CAPITALIZED EXPLORATORY WELL COSTS (Tables)

CAPITALIZED EXPLORATORY WELL COSTS (Tables)	XBRL Details					12 Months Ended																																																			
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																			
Extractive Industries [Abstract]	srt_ExtractiveIndustriesAbstract	srt_	xbri:stringItemType	na	duration																																																				
Capitalized Exploratory Well Costs, Roll Forward						The following summarizes the changes in capitalized exploratory well costs for the years ended December 31, 2020, 2019, and 2018. Additions pending the determination of proved reserves excludes amounts capitalized and subsequently charged to expense within the same year. <table><tr><th colspan="5">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th><th></th></tr><tr><th colspan="5">(In millions)</th></tr><tr><td>Capitalized well costs at beginning of year</td><td>\$ 141</td><td>\$ 159</td><td>\$ 350</td><td></td></tr><tr><td>Additions pending determination of proved reserves</td><td>226</td><td>286</td><td>602</td><td></td></tr><tr><td>Divestitures and other</td><td>(38)</td><td>(100)</td><td>(82)</td><td></td></tr><tr><td>Reclassifications to proved properties</td><td>(56)</td><td>(179)</td><td>(647)</td><td></td></tr><tr><td>Charged to exploration expense</td><td>(76)</td><td>(25)</td><td>(64)</td><td></td></tr><tr><td>Capitalized well costs at end of year</td><td>\$ 197</td><td>\$ 141</td><td>\$ 159</td><td></td></tr></table>							For the Year Ended December 31,						2020	2019	2018		(In millions)					Capitalized well costs at beginning of year	\$ 141	\$ 159	\$ 350		Additions pending determination of proved reserves	226	286	602		Divestitures and other	(38)	(100)	(82)		Reclassifications to proved properties	(56)	(179)	(647)		Charged to exploration expense	(76)	(25)	(64)		Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159	
For the Year Ended December 31,																																																									
	2020	2019	2018																																																						
(In millions)																																																									
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Charged to exploration expense	(76)	(25)	(64)																																																						
Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159																																																						
Schedule of Aging of Capitalized Exploratory Well Costs	us-gaap_ScheduleOfAgingOfCapitalizedExploratoryWellCostsTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	The following provides an aging of capitalized exploratory well costs and the number of projects for which exploratory well costs have been capitalized for a period greater than one year since the completion of drilling as of December 31: <table><tr><th colspan="4">2020 2019 2018</th></tr><tr><th colspan="4">(In millions)</th></tr><tr><td>Exploratory well costs capitalized for a period of one year or less</td><td>\$ 184</td><td>\$ 108</td><td>\$ 126</td></tr><tr><td>Exploratory well costs capitalized for a period greater than one year</td><td>13</td><td>33</td><td>33</td></tr><tr><td>Capitalized well costs at end of year</td><td>\$ 197</td><td>\$ 141</td><td>\$ 159</td></tr></table> Number of projects with exploratory well costs capitalized for a period greater than one year <table><tr><td></td><td>5</td><td>2</td><td>2</td></tr></table>							2020 2019 2018				(In millions)				Exploratory well costs capitalized for a period of one year or less	\$ 184	\$ 108	\$ 126	Exploratory well costs capitalized for a period greater than one year	13	33	33	Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159		5	2	2																					
2020 2019 2018																																																									
(In millions)																																																									
Exploratory well costs capitalized for a period of one year or less	\$ 184	\$ 108	\$ 126																																																						
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Capitalized well costs at end of year	\$ 197	\$ 141	\$ 159																																																						
	5	2	2																																																						
Schedule of Projects with Exploratory Well Costs Capitalized for More than One Year	us-gaap_ScheduleOfProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	The following table summarizes aging by geographic area of those exploratory well costs that, as of December 31, 2020, have been capitalized for a period greater than one year, categorized by the year in which drilling was completed: <table><tr><th>Total</th><th>2019</th><th>2018</th><th>2017 and Prior</th></tr><tr><th colspan="4">(In millions)</th></tr><tr><td>Egypt</td><td>\$ 13</td><td>\$ 4</td><td>\$ 9</td><td>\$ —</td></tr><tr><td></td><td>\$ 13</td><td>\$ 4</td><td>\$ 9</td><td>\$ —</td></tr></table>							Total	2019	2018	2017 and Prior	(In millions)				Egypt	\$ 13	\$ 4	\$ 9	\$ —		\$ 13	\$ 4	\$ 9	\$ —																											
Total	2019	2018	2017 and Prior																																																						
(In millions)																																																									
Egypt	\$ 13	\$ 4	\$ 9	\$ —																																																					
	\$ 13	\$ 4	\$ 9	\$ —																																																					

+ Details

## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES (Tables)

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES (Tables)	XBRL Details		XBRL Prefix	Data Type	Balance Type	Period Type	12 Months Ended								
	XBRL Tag Name						Dec. 31, 2020								
Derivative Instruments and Hedging Activities Disclosure [Abstract]	us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract		us-gaap_	xbrl:stringItemType	na	duration									
Schedule of Derivative Instruments	us-gaap_ScheduleOfDerivativeInstrumentsTextBlock		us-gaap_	nonnum:textBlockItemType	na	duration	As of December 31, 2020, the Company had the following open natural gas financial basis swap contracts:								
							Basis Swap Purchased		Basis Swap Sold						
							MMBtu (in 100's)	Weighted Average Price Differential (\$/0.45)	MMBtu (in 100's)	Weighted Average Price Differential (\$/0.07)					
							April—December 2021	NYMEX Henry Hub-IF Waha	37,500	—	37,580	\$(0.07)			
							April—December 2021	NYMEX Henry Hub-IF HSC	—	—	37,580	\$(0.07)			
							January—December 2022	NYMEX Henry Hub-IF Waha	43,800	—	—	—			
							January—December 2022	NYMEX Henry Hub-IF HSC	—	—	43,800	\$(0.08)			
Schedule of Derivative Assets Measured at Fair Value	us-gaap_ScheduleOfDerivativeAssetsAtFairValueTableTextBlock		us-gaap_	nonnum:textBlockItemType	na	duration	The following table presents the Company's derivative assets and liabilities measured at fair value on a recurring basis:								
							Fair Value Measurements Using								
							Quoted Price in Active Markets (Level 1)	Significant Other Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Fair Value	Netting <sup>(1)</sup>	Carrying Amount			
							(In millions)								
							December 31, 2020								
							Assets:								
							Commodity derivative instruments	\$ —	\$ 11	\$ —	\$ 11	\$ —	\$ 11		
							Liabilities:								
							Pipeline capacity embedded derivatives	—	53	—	53	—	53		
							Preferred Units embedded derivative	—	—	139	139	—	139		
							December 31, 2019								
							Assets:								
							Pipeline capacity embedded derivative	\$ —	\$ 8	\$ —	\$ 8	\$ —	\$ 8		
							Foreign currency derivative instruments	—	1	—	1	—	1		
							Liabilities:								
							Preferred Units embedded derivative	—	—	103	103	—	103		
							(1) The derivative fair values are based on analysis of each contract on a gross basis, excluding the impact of netting agreements with counterparties.								
Schedule of Derivative Liabilities Measured at Fair Value	us-gaap_ScheduleOfDerivativeLiabilitiesAtFairValueTableTextBlock		us-gaap_	nonnum:textBlockItemType	na	duration	The following table presents the Company's derivative assets and liabilities measured at fair value on a recurring basis:								
							Fair Value Measurements Using								
							Quoted Price in Active Markets (Level 1)	Significant Other Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Fair Value	Netting <sup>(1)</sup>	Carrying Amount			
							(In millions)								
							December 31, 2020								
							Assets:								
							Commodity derivative instruments	\$ —	\$ 11	\$ —	\$ 11	\$ —	\$ 11		
							Liabilities:								
							Pipeline capacity embedded derivatives	—	53	—	53	—	53		
							Preferred Units embedded derivative	—	—	139	139	—	139		
							December 31, 2019								
							Assets:								
							Pipeline capacity embedded derivative	\$ —	\$ 8	\$ —	\$ 8	\$ —	\$ 8		
							Foreign currency derivative instruments	—	1	—	1	—	1		
							Liabilities:								
							Preferred Units embedded derivative	—	—	103	103	—	103		
							(1) The derivative fair values are based on analysis of each contract on a gross basis, excluding the impact of netting agreements with counterparties.								
Schedule of Fair Value Measurement Inputs	us-gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisValuationTechniquesTableTextBlock		us-gaap_	nonnum:textBlockItemType	na	duration	As of the December 31, 2020 valuation date, the Company used the forward B-rated Energy Bond Yield curve to develop								
							Preferred Units embedded derivative								
Schedule of Derivative Instruments on Consolidated Balance Sheet and Statement of Consolidated Operations	us-gaap_ScheduleOfDerivativeInstrumentsStatementsOfFinancialPerformanceAndFinancialPositionLocationTableTextBlock		us-gaap_	nonnum:textBlockItemType	na	duration	The following key unobservable inputs used to value this embedded derivative:								
							The carrying value of the Company's derivative assets and liabilities and their locations on the consolidated balance sheet are as follows:								
							2020		2019						
							(In millions)								
							Current Assets: Other current assets	\$ 6	\$ 5	—	2				
							Noncurrent Assets: Deferred charges and other	—	5	—	7				
							Total derivative assets	\$ 11	\$ 9	—	9				
							Deferred Credits and Other Noncurrent Liabilities: Other	\$ 192	\$ 192	—	103				
							Total derivative liabilities	\$ 192	\$ 192	—	103				
							Derivative Activity Recorded in the Statement of Consolidated Operations								
							The following table summarizes the effect of derivative instruments on the Company's statement of consolidated operations:								
							2020		2019		2018				
							(In millions)								
							Realized:								
							Commodity derivative instruments	\$ (135)	\$ 27	\$ (81)	—				
							Amortization of put premium, realized loss	—	—	—	(39)				
							Foreign currency derivative instruments	(1)	—	—	—				
							Treasury stock	—	(18)	—	—				
							Realized gain (loss), net	(136)	9	—	(120)				
							Unrealized:								
							Commodity derivative instruments	11	(44)	(40)	103				
							Pipeline capacity embedded derivatives	(61)	8	—	—				
							Foreign currency derivative instruments	(1)	1	—	—				
							Preferred Units embedded derivative	(36)	(9)	—	—				
							Unrealized gain (loss), net	(87)	(44)	—	103				
							Derivative instrument losses, net	\$ (223)	\$ (35)	\$ (17)	—				

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Cover - OTHER CURRENT ASSETS (Tables)

OTHER CURRENT ASSETS (Tables)	XBRL Details					12 Months Ended																		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																		
Deferred Costs, Capitalized, Prepaid, and Other Assets Disclosure [Abstract]	us-gaap_DeferredCostsCapitalizedPrepaidAndOtherAssetsDisclosureAbstract	us-gaap_	xbrii:stringItemType	na	duration																			
Schedule of Other Current Assets						The following table provides detail of the Company's other current assets as of December 31:																		
						<table><tr><td></td><td>2020</td><td>2019</td></tr><tr><td></td><td colspan="2">(In millions)</td></tr><tr><td>Inventories</td><td>\$492</td><td>\$502</td></tr><tr><td>Drilling advances</td><td>113</td><td>92</td></tr><tr><td>Prepaid assets and other</td><td>71</td><td>58</td></tr><tr><td>Total Other current assets</td><td>\$676</td><td>\$652</td></tr></table>		2020	2019		(In millions)		Inventories	\$492	\$502	Drilling advances	113	92	Prepaid assets and other	71	58	Total Other current assets	\$676	\$652
	2020	2019																						
	(In millions)																							
Inventories	\$492	\$502																						
Drilling advances	113	92																						
Prepaid assets and other	71	58																						
Total Other current assets	\$676	\$652																						
	us-gaap_ScheduleOfOtherCurrentAssetsTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration																			

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## Cover - EQUITY METHOD INTERESTS (Tables)

EQUITY METHOD INTERESTS (Tables)	XBRL Details					12 Months Ended				
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020				
Equity Method Investments and Joint Ventures [Abstract]	us-gaap_EquityMethodInvestmentsAndJointVenturesAbstract	us-gaap_	xbrli:stringItemType	na	duration					
Summary of Equity Method Investment Information										
							Interest	2020	2019	
							(In millions)			
						Gulf Coast Express Pipeline LLC	16.0 %	\$ 284	\$ 291	
						EPIC Crude Holdings, LP	15.0 %	176	163	
						Permian Highway Pipeline LLC	26.7 %	615	311	
						Shin Oak Pipeline (Breviloba, LLC)	33.0 %	480	493	
						Total Altus equity method interests		\$ 1,555	\$ 1,258	
						The following table presents the activity in Altus' equity method interests for the years ended December 31, 2020 and 2019:				
						Gulf Coast Express Pipeline LLC	EPIC Crude Holdings, LP	Permian Highway Pipeline LLC	Breviloba, LLC	Total
						(In millions)				
						Balance at December 31, 2018	\$ 91	\$ —	\$ —	\$ 91
						Acquisitions	15	52	162	442
						Capital contributions	184	123	147	47
						Distributions	(16)			(9)
						Capitalized interest <sup>(1)</sup>	—	—	2	—
						Equity income (loss), net	17	(11)	—	13
						Accumulated other comprehensive loss	—	(1)	—	(1)
						Balance at December 31, 2019	291	163	311	493
						Capital contributions	2	29	296	—
						Distributions	(51)	—	—	(46)
						Capitalized interest <sup>(1)</sup>	—	—	8	—
						Equity income (loss), net	42	(16)	—	33
						Balance at December 31, 2020	\$ 284	\$ 176	\$ 615	\$ 480
										\$ 1,555
						(1) Altus' proportionate share of the PHP construction costs is funded with Altus' revolving credit facility. Accordingly, Altus capitalized \$8 million and \$2 million of related interest expense during 2020 and 2019, respectively, which are included in the basis of the PHP equity interest.				
						The following presents summarized information of combined statement of operations for Altus' equity method interests (on a 100 percent basis):				
						For the Year Ended December 31,				
						2020	2019 <sup>(1)</sup>	2018 <sup>(2)</sup>		
						(In millions)				
						Operating revenues	\$ 707	\$ 302	\$ 3	
						Operating income (loss)	331	121	(6)	
						Net income (loss)	256	120	(6)	
						Other comprehensive loss	3	(8)	—	
						(1) Although Altus' interests in EPIC Crude Holdings, LP, Permian Highway Pipeline LLC, and Breviloba, LLC were acquired in March, May, and July 2019, respectively, the combined financial results are presented for the year ended December 31, 2019 for comparability.				
						(2) Although Altus' interest in Gulf Coast Express Pipeline LLC was acquired in December 2018, the combined financial results are presented for the year ended December 31, 2018 for comparability.				
						The following presents summarized combined balance sheet information for Altus' equity method interests (on a 100 percent basis) as of December 31:				
						2020	2019			
						(In millions)				
						Current assets	\$ 260	\$ 441		
						Noncurrent assets	7,678	6,435		
						Total assets	\$ 7,938	\$ 6,876		
						Current liabilities	\$ 206	\$ 478		
						Noncurrent liabilities	1,191	958		
						Equity	6,541	5,440		
						Total liabilities and equity	\$ 7,938	\$ 6,876		

+ Details

## Cover - OTHER CURRENT LIABILITIES (Tables)

OTHER CURRENT LIABILITIES (Tables)	XBRL Details					12 Months Ended																																				
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																				
Payables and Accruals [Abstract]	us-gaap_PayablesAndAccrualsAbstract	us-gaap_	xbri:stringItemType	na	duration																																					
Detail of Other Current Liabilities						<div>The following table provides detail of the Company's other current liabilities as of December 31:</div> <table><thead><tr><th></th><th>2020</th><th>2019</th></tr><tr><td colspan="3">(In millions)</td></tr></thead><tbody><tr><td>Accrued operating expenses</td><td>\$ 91</td><td>\$ 143</td></tr><tr><td>Accrued exploration and development</td><td>167</td><td>319</td></tr><tr><td>Accrued gathering, processing, and transmission - Altus</td><td>—</td><td>17</td></tr><tr><td>Accrued compensation and benefits</td><td>170</td><td>212</td></tr><tr><td>Accrued interest</td><td>140</td><td>135</td></tr><tr><td>Accrued income taxes</td><td>25</td><td>51</td></tr><tr><td>Current asset retirement obligation</td><td>56</td><td>47</td></tr><tr><td>Current operating lease liability</td><td>116</td><td>169</td></tr><tr><td>Other</td><td>97</td><td>56</td></tr><tr><td>Total Other current liabilities</td><td>\$862</td><td>\$1,149</td></tr></tbody></table>		2020	2019	(In millions)			Accrued operating expenses	\$ 91	\$ 143	Accrued exploration and development	167	319	Accrued gathering, processing, and transmission - Altus	—	17	Accrued compensation and benefits	170	212	Accrued interest	140	135	Accrued income taxes	25	51	Current asset retirement obligation	56	47	Current operating lease liability	116	169	Other	97	56	Total Other current liabilities	\$862	\$1,149
	2020	2019																																								
(In millions)																																										
Accrued operating expenses	\$ 91	\$ 143																																								
Accrued exploration and development	167	319																																								
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Other	97	56																																								
Total Other current liabilities	\$862	\$1,149																																								
	us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration																																					

+ Details



## Cover - ASSET RETIREMENT OBLIGATION (Tables)

ASSET RETIREMENT OBLIGATION (Tables)	XBRL Details					12 Months Ended																																				
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																				
Asset Retirement Obligation Disclosure [Abstract]	us-gaap_AssetRetirementObligationDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration																																					
Schedule of Changes to Asset Retirement Obligation						<p>The following table describes changes to the Company's asset retirement obligation (ARO) liability:</p> <table><thead><tr><th></th><th colspan="2">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th></tr><tr><th></th><th colspan="2">(In millions)</th></tr></thead><tbody><tr><td>Asset retirement obligation at beginning of year</td><td>\$1,858</td><td>\$1,932</td></tr><tr><td>Liabilities incurred</td><td>10</td><td>41</td></tr><tr><td>Liabilities divested</td><td>(26)</td><td>(56)</td></tr><tr><td>Liabilities settled</td><td>(30)</td><td>(56)</td></tr><tr><td>Accretion expense</td><td>109</td><td>107</td></tr><tr><td>Revisions in estimated liabilities</td><td>23</td><td>(110)</td></tr><tr><td>Asset retirement obligation at end of year</td><td>1,944</td><td>1,858</td></tr><tr><td>Less current portion</td><td>(56)</td><td>(47)</td></tr><tr><td>Asset retirement obligation, long-term</td><td>\$1,888</td><td>\$1,811</td></tr></tbody></table>		For the Year Ended December 31,			2020	2019		(In millions)		Asset retirement obligation at beginning of year	\$1,858	\$1,932	Liabilities incurred	10	41	Liabilities divested	(26)	(56)	Liabilities settled	(30)	(56)	Accretion expense	109	107	Revisions in estimated liabilities	23	(110)	Asset retirement obligation at end of year	1,944	1,858	Less current portion	(56)	(47)	Asset retirement obligation, long-term	\$1,888	\$1,811
	For the Year Ended December 31,																																									
	2020	2019																																								
	(In millions)																																									
Asset retirement obligation at beginning of year	\$1,858	\$1,932																																								
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Asset retirement obligation, long-term	\$1,888	\$1,811																																								
	us-gaap_ScheduleOfChangeInAssetRetirementObligationTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration																																					

+ Details

## Cover - DEBT AND FINANCING COSTS (Tables)

DEBT AND FINANCING COSTS (Tables)	XBRL Details					12 Months Ended																																																																																														
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																																																														
Debt Disclosure [Abstract]	us-gaap_DebtDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration																																																																																															
Schedule of Debt	The following table presents the carrying value of the Company's debt:																																																																																																			
						<table><tr><th></th><th colspan="2">December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th></tr><tr><th></th><th colspan="2">(In millions)</th></tr><tr><td>3.625% notes due 2021<sup>(1)</sup></td><td>\$ —</td><td>\$ 293</td></tr><tr><td>3.25% notes due 2022<sup>(2)</sup></td><td>213</td><td>463</td></tr><tr><td>2.625% notes due 2023<sup>(2)</sup></td><td>123</td><td>181</td></tr><tr><td>4.625% notes due 2025<sup>(2)</sup></td><td>500</td><td>—</td></tr><tr><td>7.7% notes due 2026</td><td>79</td><td>79</td></tr><tr><td>7.95% notes due 2026</td><td>133</td><td>133</td></tr><tr><td>4.875% due 2027<sup>(2)</sup></td><td>750</td><td>—</td></tr><tr><td>4.375% notes due 2028<sup>(2)</sup></td><td>993</td><td>1,000</td></tr><tr><td>7.75% notes due 2029<sup>(2)(3)</sup></td><td>235</td><td>247</td></tr><tr><td>4.25% notes due 2030<sup>(2)</sup></td><td>580</td><td>600</td></tr><tr><td>6.0% notes due 2037<sup>(2)</sup></td><td>443</td><td>467</td></tr><tr><td>5.1% notes due 2040<sup>(2)</sup></td><td>1,333</td><td>1,499</td></tr><tr><td>5.25% notes due 2042<sup>(2)</sup></td><td>399</td><td>500</td></tr><tr><td>4.75% notes due 2043<sup>(2)</sup></td><td>1,133</td><td>1,413</td></tr><tr><td>4.25% notes due 2044<sup>(2)</sup></td><td>559</td><td>753</td></tr><tr><td>7.375% debentures due 2047</td><td>150</td><td>150</td></tr><tr><td>5.35% notes due 2049<sup>(2)</sup></td><td>390</td><td>400</td></tr><tr><td>7.625% debentures due 2096</td><td>39</td><td>39</td></tr><tr><td>Notes and debentures before unamortized discount and debt issuance costs<sup>(4)</sup></td><td>8,052</td><td>8,217</td></tr><tr><td>Commercial paper</td><td>—</td><td>—</td></tr><tr><td>Altus credit facility<sup>(5)</sup></td><td>624</td><td>396</td></tr><tr><td>Apache credit facility<sup>(5)</sup></td><td>150</td><td>—</td></tr><tr><td>Finance lease obligations</td><td>38</td><td>48</td></tr><tr><td>Unamortized discount</td><td>(35)</td><td>(42)</td></tr><tr><td>Debt issuance costs</td><td>(57)</td><td>(53)</td></tr><tr><td>Total debt</td><td>8,772</td><td>8,566</td></tr><tr><td>Current maturities</td><td>(2)</td><td>(11)</td></tr><tr><td>Long-term debt</td><td>\$ 8,770</td><td>\$ 8,555</td></tr></table>			December 31,			2020	2019		(In millions)		3.625% notes due 2021 <sup>(1)</sup>	\$ —	\$ 293	3.25% notes due 2022 <sup>(2)</sup>	213	463	2.625% notes due 2023 <sup>(2)</sup>	123	181	4.625% notes due 2025 <sup>(2)</sup>	500	—	7.7% notes due 2026	79	79	7.95% notes due 2026	133	133	4.875% due 2027 <sup>(2)</sup>	750	—	4.375% notes due 2028 <sup>(2)</sup>	993	1,000	7.75% notes due 2029 <sup>(2)(3)</sup>	235	247	4.25% notes due 2030 <sup>(2)</sup>	580	600	6.0% notes due 2037 <sup>(2)</sup>	443	467	5.1% notes due 2040 <sup>(2)</sup>	1,333	1,499	5.25% notes due 2042 <sup>(2)</sup>	399	500	4.75% notes due 2043 <sup>(2)</sup>	1,133	1,413	4.25% notes due 2044 <sup>(2)</sup>	559	753	7.375% debentures due 2047	150	150	5.35% notes due 2049 <sup>(2)</sup>	390	400	7.625% debentures due 2096	39	39	Notes and debentures before unamortized discount and debt issuance costs <sup>(4)</sup>	8,052	8,217	Commercial paper	—	—	Altus credit facility <sup>(5)</sup>	624	396	Apache credit facility <sup>(5)</sup>	150	—	Finance lease obligations	38	48	Unamortized discount	(35)	(42)	Debt issuance costs	(57)	(53)	Total debt	8,772	8,566	Current maturities	(2)	(11)	Long-term debt	\$ 8,770	\$ 8,555
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Current maturities	(2)	(11)																																																																																																		
Long-term debt	\$ 8,770	\$ 8,555																																																																																																		
	us-gaap_ScheduleOfDebtInstrumentsTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<p>(1) On November 3, 2020, Apache redeemed the 3.625% senior notes due February 1, 2021, at a redemption price equal to 100 percent of their principal amount, plus accrued and unpaid interest to the redemption date.</p> <p>(2) These notes are redeemable, as a whole or in part, at Apache's option, subject to a make-whole premium, except that the 7.75% notes due 2029 are only redeemable as whole for principal and accrued interest in the event of certain Canadian tax law changes. The remaining notes and debentures are not redeemable.</p> <p>(3) Assumed by Apache in August 2017 as permitted by terms of these notes originally issued by a subsidiary and guaranteed by Apache.</p> <p>(4) The fair values of the Company's notes and debentures were \$8.5 billion and \$8.4 billion as of December 31, 2020 and 2019, respectively. Apache uses a market approach to determine the fair value of its notes and debentures using estimates provided by an independent investment financial data services firm (a Level 2 fair value measurement).</p> <p>(5) The carrying amount of borrowings on credit facilities approximates fair value because the interest rates are variable and reflective of market rates.</p>																																																																																														
Schedule of Long Term Debt by Maturity	apa_ScheduleOfLongTermDebtByMaturityTableTextBlock	apa_	nonnum:textBlockItemType	na	duration	<table><tr><th colspan="2">Maturities for the Company's notes and debentures excluding discount and debt issuance costs as of December 31, 2020 are as follows:</th></tr><tr><th></th><th>(In millions)</th></tr><tr><td>2021</td><td>\$ —</td></tr><tr><td>2022</td><td>213</td></tr><tr><td>2023</td><td>123</td></tr><tr><td>2024</td><td>—</td></tr><tr><td>2025</td><td>500</td></tr><tr><td>Thereafter</td><td>7,216</td></tr><tr><td>Notes and debentures, excluding discounts and debt issuance costs</td><td>\$ 8,052</td></tr></table>		Maturities for the Company's notes and debentures excluding discount and debt issuance costs as of December 31, 2020 are as follows:			(In millions)	2021	\$ —	2022	213	2023	123	2024	—	2025	500	Thereafter	7,216	Notes and debentures, excluding discounts and debt issuance costs	\$ 8,052																																																																											
Maturities for the Company's notes and debentures excluding discount and debt issuance costs as of December 31, 2020 are as follows:																																																																																																				
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Components of Financing Costs, Net	apa_ScheduleOfFinancingCostsNetTableTextBlock	apa_	nonnum:textBlockItemType	na	duration	<p>The following table presents the components of Apache's financing costs, net:</p> <table><tr><th></th><th colspan="3">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><th></th><th colspan="3">(In millions)</th></tr><tr><td>Interest expense</td><td>\$ 438</td><td>\$ 430</td><td>\$ 441</td></tr><tr><td>Amortization of debt issuance costs</td><td>8</td><td>7</td><td>9</td></tr><tr><td>Capitalized interest</td><td>(12)</td><td>(37)</td><td>(44)</td></tr><tr><td>Loss (gain) on extinguishment of debt</td><td>(160)</td><td>75</td><td>94</td></tr><tr><td>Interest income</td><td>(7)</td><td>(13)</td><td>(22)</td></tr><tr><td>Financing costs, net</td><td>\$ 267</td><td>\$ 462</td><td>\$ 478</td></tr></table>			For the Year Ended December 31,				2020	2019	2018		(In millions)			Interest expense	\$ 438	\$ 430	\$ 441	Amortization of debt issuance costs	8	7	9	Capitalized interest	(12)	(37)	(44)	Loss (gain) on extinguishment of debt	(160)	75	94	Interest income	(7)	(13)	(22)	Financing costs, net	\$ 267	\$ 462	\$ 478																																																									
	For the Year Ended December 31,																																																																																																			
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Financing costs, net	\$ 267	\$ 462	\$ 478																																																																																																	

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## Cover - INCOME TAXES (Tables)

INCOME TAXES (Tables)	XBRL Details					12 Months Ended																																																																																																		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																																																																		
Income Tax Disclosure [Abstract]	us-gaap_IncomeTaxDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration																																																																																																			
Income (Loss) Before Income Taxes						Income (loss) before income taxes is composed of the following:																																																																																																		
	us-gaap_ScheduleOfIncomeBeforeIncomeTaxDomesticAndForeignTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<table><tr><th></th><th colspan="3">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><td colspan="4">(In millions)</td></tr><tr><td>U.S.</td><td>\$ (4,581)</td><td>\$ (4,397)</td><td>\$ (723)</td></tr><tr><td>Foreign</td><td>(259)</td><td>1,389</td><td>1,681</td></tr><tr><td>Total</td><td><u>\$ (4,840)</u></td><td><u>\$ (3,008)</u></td><td><u>\$ 958</u></td></tr></table>				For the Year Ended December 31,				2020	2019	2018	(In millions)				U.S.	\$ (4,581)	\$ (4,397)	\$ (723)	Foreign	(259)	1,389	1,681	Total	<u>\$ (4,840)</u>	<u>\$ (3,008)</u>	<u>\$ 958</u>																																																																								
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Total	<u>\$ (4,840)</u>	<u>\$ (3,008)</u>	<u>\$ 958</u>																																																																																																					
Total Provision for Income Taxes						The total income tax provision consists of the following:																																																																																																		
	us-gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<table><tr><th></th><th colspan="3">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><td colspan="4">(In millions)</td></tr><tr><td colspan="4">Current income taxes:</td></tr><tr><td>Federal</td><td>\$ (2)</td><td>\$ 1</td><td>\$ (1)</td></tr><tr><td>State</td><td>—</td><td>—</td><td>—</td></tr><tr><td>Foreign</td><td>178</td><td>659</td><td>895</td></tr><tr><td></td><td><u>176</u></td><td><u>660</u></td><td><u>894</u></td></tr><tr><td colspan="4">Deferred income taxes:</td></tr><tr><td>Federal</td><td>—</td><td>67</td><td>(65)</td></tr><tr><td>State</td><td>—</td><td>—</td><td>2</td></tr><tr><td>Foreign</td><td>(112)</td><td>(53)</td><td>(159)</td></tr><tr><td></td><td><u>(112)</u></td><td><u>14</u></td><td><u>(222)</u></td></tr><tr><td>Total</td><td><u>\$ 64</u></td><td><u>\$ 674</u></td><td><u>\$ 672</u></td></tr></table>				For the Year Ended December 31,				2020	2019	2018	(In millions)				Current income taxes:				Federal	\$ (2)	\$ 1	\$ (1)	State	—	—	—	Foreign	178	659	895		<u>176</u>	<u>660</u>	<u>894</u>	Deferred income taxes:				Federal	—	67	(65)	State	—	—	2	Foreign	(112)	(53)	(159)		<u>(112)</u>	<u>14</u>	<u>(222)</u>	Total	<u>\$ 64</u>	<u>\$ 674</u>	<u>\$ 672</u>																																								
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Total	<u>\$ 64</u>	<u>\$ 674</u>	<u>\$ 672</u>																																																																																																					
Reconciliation of Tax of Income Before Income Taxes and Total Tax Expense						A reconciliation of the tax on the Company's income (loss) before income taxes and total tax expense is shown below:																																																																																																		
	us-gaap_ScheduleOfEffectiveIncomeTaxRateReconciliationTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<table><tr><th></th><th colspan="3">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><td colspan="4">(In millions)</td></tr><tr><td>Income tax expense (benefit) at U.S. statutory rate</td><td>\$ (1,016)</td><td>\$ (631)</td><td>\$ 201</td></tr><tr><td>State income tax, less federal effect<sup>(1)</sup></td><td>—</td><td>1</td><td>2</td></tr><tr><td>Taxes related to foreign operations</td><td>97</td><td>328</td><td>436</td></tr><tr><td>Tax credits</td><td>(13)</td><td>(6)</td><td>(13)</td></tr><tr><td>Tax on deemed repatriation of foreign earnings</td><td>—</td><td>—</td><td>103</td></tr><tr><td>Foreign tax credits</td><td>—</td><td>—</td><td>(336)</td></tr><tr><td>Change in U.S. tax rate</td><td>—</td><td>—</td><td>161</td></tr><tr><td>Net change in tax contingencies</td><td>1</td><td>1</td><td>(2)</td></tr><tr><td>Goodwill impairment</td><td>35</td><td>—</td><td>—</td></tr><tr><td>Sale of North Sea assets</td><td>—</td><td>—</td><td>(30)</td></tr><tr><td>Valuation allowances<sup>(1)</sup></td><td>965</td><td>972</td><td>118</td></tr><tr><td>All other, net</td><td>(5)</td><td>9</td><td>32</td></tr><tr><td></td><td><u>\$ 64</u></td><td><u>\$ 674</u></td><td><u>\$ 672</u></td></tr></table> <p>(1) The change in state valuation allowance is included as a component of state income tax.</p>				For the Year Ended December 31,				2020	2019	2018	(In millions)				Income tax expense (benefit) at U.S. statutory rate	\$ (1,016)	\$ (631)	\$ 201	State income tax, less federal effect <sup>(1)</sup>	—	1	2	Taxes related to foreign operations	97	328	436	Tax credits	(13)	(6)	(13)	Tax on deemed repatriation of foreign earnings	—	—	103	Foreign tax credits	—	—	(336)	Change in U.S. tax rate	—	—	161	Net change in tax contingencies	1	1	(2)	Goodwill impairment	35	—	—	Sale of North Sea assets	—	—	(30)	Valuation allowances <sup>(1)</sup>	965	972	118	All other, net	(5)	9	32		<u>\$ 64</u>	<u>\$ 674</u>	<u>\$ 672</u>																																
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Net Deferred Tax Liability						The net deferred income tax liability consists of the following as of December 31:																																																																																																		
	us-gaap_ScheduleOfDeferredTaxAssetsAndLiabilitiesTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<table><tr><th></th><th>2020</th><th>2019</th></tr><tr><td colspan="3">(In millions)</td></tr><tr><td colspan="3">Deferred tax assets:</td></tr><tr><td>U.S. and state net operating losses</td><td>\$ 2,306</td><td>\$ 2,108</td></tr><tr><td>Capital losses</td><td>633</td><td>626</td></tr><tr><td>Tax credits and other tax incentives</td><td>33</td><td>32</td></tr><tr><td>Foreign tax credits</td><td>2,241</td><td>2,241</td></tr><tr><td>Accrued expenses and liabilities</td><td>93</td><td>97</td></tr><tr><td>Asset retirement obligation</td><td>654</td><td>618</td></tr><tr><td>Property &amp; equipment</td><td>261</td><td>—</td></tr><tr><td>Investment in Altus Midstream LP</td><td>76</td><td>107</td></tr><tr><td>Net interest expense limitation</td><td>252</td><td>162</td></tr><tr><td>Lease liability</td><td>79</td><td>108</td></tr><tr><td>Other</td><td>1</td><td>88</td></tr><tr><td>Total deferred tax assets</td><td>6,629</td><td>6,187</td></tr><tr><td>Valuation allowance</td><td>(5,991)</td><td>(4,959)</td></tr><tr><td>Net deferred tax assets</td><td>638</td><td>1,228</td></tr><tr><td colspan="3">Deferred tax liabilities:</td></tr><tr><td>Deferred income</td><td>—</td><td>1</td></tr><tr><td>Equity investments</td><td>4</td><td>—</td></tr><tr><td>Property and equipment</td><td>750</td><td>1,432</td></tr><tr><td>Right-of-use asset</td><td>74</td><td>106</td></tr><tr><td>Other</td><td>13</td><td>6</td></tr><tr><td>Total deferred tax liabilities</td><td>841</td><td>1,545</td></tr><tr><td>Net deferred income tax liability</td><td><u>\$ 203</u></td><td><u>\$ 317</u></td></tr></table> <p>Net deferred tax assets and liabilities are included in the consolidated balance sheet as of December 31 as follows:</p> <table><tr><th></th><th>2020</th><th>2019</th></tr><tr><td colspan="3">(In millions)</td></tr><tr><td colspan="3">Assets:</td></tr><tr><td>Deferred charges and other</td><td>\$ 12</td><td>\$ 29</td></tr><tr><td colspan="3">Liabilities:</td></tr><tr><td>Income taxes</td><td>215</td><td>346</td></tr><tr><td>Net deferred income tax liability</td><td><u>\$ 203</u></td><td><u>\$ 317</u></td></tr></table>				2020	2019	(In millions)			Deferred tax assets:			U.S. and state net operating losses	\$ 2,306	\$ 2,108	Capital losses	633	626	Tax credits and other tax incentives	33	32	Foreign tax credits	2,241	2,241	Accrued expenses and liabilities	93	97	Asset retirement obligation	654	618	Property & equipment	261	—	Investment in Altus Midstream LP	76	107	Net interest expense limitation	252	162	Lease liability	79	108	Other	1	88	Total deferred tax assets	6,629	6,187	Valuation allowance	(5,991)	(4,959)	Net deferred tax assets	638	1,228	Deferred tax liabilities:			Deferred income	—	1	Equity investments	4	—	Property and equipment	750	1,432	Right-of-use asset	74	106	Other	13	6	Total deferred tax liabilities	841	1,545	Net deferred income tax liability	<u>\$ 203</u>	<u>\$ 317</u>		2020	2019	(In millions)			Assets:			Deferred charges and other	\$ 12	\$ 29	Liabilities:			Income taxes	215	346	Net deferred income tax liability	<u>\$ 203</u>	<u>\$ 317</u>
	2020	2019																																																																																																						
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Summary of Valuation Allowance Against Certain Foreign Net Deferred Tax Assets and State Net Operating Losses						In 2020, 2019, and 2018, the Company's valuation allowance increased by \$1.0 billion, \$1.0 billion, and \$131 million, respectively, as detailed in the table below:																																																																																																		
	us-gaap_SummaryOfIncomeTaxContingenciesTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<table><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><td colspan="4">(In millions)</td></tr><tr><td>Balance at beginning of year</td><td>\$ 4,959</td><td>\$ 3,947</td><td>\$ 3,816</td></tr><tr><td>State<sup>(1)</sup></td><td>67</td><td>41</td><td>15</td></tr><tr><td>U.S.</td><td>960</td><td>971</td><td>124</td></tr><tr><td>Foreign</td><td>5</td><td>—</td><td>(8)</td></tr><tr><td>Balance at end of year</td><td><u>\$ 5,991</u></td><td><u>\$ 4,959</u></td><td><u>\$ 3,947</u></td></tr></table> <p>(1) Reported as a component of state income taxes.</p>				2020	2019	2018	(In millions)				Balance at beginning of year	\$ 4,959	\$ 3,947	\$ 3,816	State <sup>(1)</sup>	67	41	15	U.S.	960	971	124	Foreign	5	—	(8)	Balance at end of year	<u>\$ 5,991</u>	<u>\$ 4,959</u>	<u>\$ 3,947</u>																																																																				
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Balance at end of year	<u>\$ 5,991</u>	<u>\$ 4,959</u>	<u>\$ 3,947</u>																																																																																																					
Net Operating Losses						On December 31, 2020, the Company had net operating losses as follows:																																																																																																		
	us-gaap_SummaryOfOperatingLossCarryforwardsTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<table><tr><th></th><th>Amount</th><th>Expiration</th></tr><tr><td colspan="3">(In millions)</td></tr><tr><td>U.S.</td><td>\$ 8,859</td><td>2020 - Indefinite</td></tr><tr><td>State</td><td>6,566</td><td>Various</td></tr></table>				Amount	Expiration	(In millions)			U.S.	\$ 8,859	2020 - Indefinite	State	6,566	Various																																																																																				
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Schedule of Foreign Tax Credit Carryforward	us-gaap_SummaryOfTaxCreditCarryforwardsTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	On December 31, 2020, the Company had foreign tax credits as follows:	Amount (In millions) Expiration
					Foreign tax credits	\$ 2,241 2025-2026
Reconciliation of Beginning and Ending Amount of Unrecognized Tax Benefits	us-gaap_ScheduleOfUnrecognizedTaxBenefitsRollForwardTableTextBlock	us-gaap_	nonnum:textBlockItemType na	duration	A reconciliation of the beginning and ending amount of unrecognized tax benefits is as follows:	Bal / P y / P e F o Bal
Key Jurisdictions of Company's Earliest Open Tax Years	apa_KeyJurisdictionsOfCompanyEarliestOpenTaxYearsTableTableTextBlock	apa_	nonnum:textBlockItemType na	duration	Apache's earliest open tax years in its key jurisdictions are as follows:	Jurisdiction U.S. 2014 Egypt 2005 U.K. 2019

+ References + Details

## Cover - COMMITMENTS AND CONTINGENCIES (Tables)

COMMITMENTS AND CONTINGENCIES (Tables)	XBRL Details					12 Months Ended																																																				
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																				
Commitments and Contingencies Disclosure [Abstract]	us-gaap_CommitmentsAndContingenciesDisclosureAbstract	us-gaap_	xbrli:stringItemType	na	duration																																																					
Lease Cost	us-gaap_LeaseCostTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<div>The following table represents the Company's weighted average lease term and discount rate as of December 31, 2020:</div> <table><thead><tr><th></th><th>Operating Leases</th><th>Finance Leases</th></tr></thead><tbody><tr><td>Weighted average remaining lease term</td><td>3.7 years</td><td>12.7 years</td></tr><tr><td>Weighted average discount rate</td><td>4.2 %</td><td>4.4 %</td></tr></tbody></table>		Operating Leases	Finance Leases	Weighted average remaining lease term	3.7 years	12.7 years	Weighted average discount rate	4.2 %	4.4 %																																											
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Operating Lease, Liability, Maturity	us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<div>At December 31, 2020, contractual obligations for long-term operating leases, finance leases, and purchase obligations are as follows:</div> <table><thead><tr><th>Net Minimum Commitments<sup>(1)</sup></th><th>Operating Leases<sup>(2)</sup></th><th>Finance Leases<sup>(3)</sup></th><th>Purchase Obligations<sup>(4)</sup></th></tr><tr><th colspan="4">(In millions)</th></tr></thead><tbody><tr><td>2021</td><td>\$ 120</td><td>\$ 3</td><td>\$ 236</td></tr><tr><td>2022</td><td>70</td><td>3</td><td>203</td></tr><tr><td>2023</td><td>33</td><td>3</td><td>203</td></tr><tr><td>2024</td><td>27</td><td>4</td><td>160</td></tr><tr><td>2025</td><td>7</td><td>4</td><td>159</td></tr><tr><td>Thereafter</td><td>25</td><td>29</td><td>600</td></tr><tr><td>Total future minimum payments</td><td>282</td><td>46</td><td>\$ 1,561</td></tr><tr><td>Less: imputed interest</td><td>(21)</td><td>(8)</td><td>N/A</td></tr><tr><td>Total lease liabilities</td><td>261</td><td>38</td><td>N/A</td></tr><tr><td>Current portion</td><td>116</td><td>2</td><td>N/A</td></tr><tr><td>Non-current portion</td><td>\$ 145</td><td>\$ 36</td><td>N/A</td></tr></tbody></table> <div>(1) Excludes commitments for jointly owned fields and facilities for which the Company is not the operator. (2) Amounts represent future payments associated with oil and gas operations inclusive of amounts billable to partners and other working interest owners. Such payments may be capitalized as a component of oil and gas properties and subsequently depreciated, impaired, or written off as exploration expense. (3) Amounts represent the Company's finance lease obligation related to the Company's Midland, Texas regional office building. (4) Amounts represent any agreement to purchase goods or services that are enforceable and legally binding and that specify all significant terms. These include minimum commitments associated with take-or-pay contracts, NGL processing agreements, drilling work program commitments, and agreements to secure capacity rights on third-party pipelines. Amounts exclude certain product purchase obligations related to marketing and trading activities for which there are no minimum purchase requirements or the amounts are not fixed or determinable. Total costs incurred under take-or-pay and throughput obligations were \$120 million, \$111 million, and \$132 million in 2020, 2019, and 2018, respectively.</div>	Net Minimum Commitments <sup>(1)</sup>	Operating Leases <sup>(2)</sup>	Finance Leases <sup>(3)</sup>	Purchase Obligations <sup>(4)</sup>	(In millions)				2021	\$ 120	\$ 3	\$ 236	2022	70	3	203	2023	33	3	203	2024	27	4	160	2025	7	4	159	Thereafter	25	29	600	Total future minimum payments	282	46	\$ 1,561	Less: imputed interest	(21)	(8)	N/A	Total lease liabilities	261	38	N/A	Current portion	116	2	N/A	Non-current portion	\$ 145	\$ 36	N/A
Net Minimum Commitments <sup>(1)</sup>	Operating Leases <sup>(2)</sup>	Finance Leases <sup>(3)</sup>	Purchase Obligations <sup>(4)</sup>																																																							
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Finance Lease, Liability, Maturity	us-gaap_FinanceLeaseLiabilityMaturityTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<div>At December 31, 2020, contractual obligations for long-term operating leases, finance leases, and purchase obligations are as follows:</div> <table><thead><tr><th>Net Minimum Commitments<sup>(1)</sup></th><th>Operating Leases<sup>(2)</sup></th><th>Finance Leases<sup>(3)</sup></th><th>Purchase Obligations<sup>(4)</sup></th></tr><tr><th colspan="4">(In millions)</th></tr></thead><tbody><tr><td>2021</td><td>\$ 120</td><td>\$ 3</td><td>\$ 236</td></tr><tr><td>2022</td><td>70</td><td>3</td><td>203</td></tr><tr><td>2023</td><td>33</td><td>3</td><td>203</td></tr><tr><td>2024</td><td>27</td><td>4</td><td>160</td></tr><tr><td>2025</td><td>7</td><td>4</td><td>159</td></tr><tr><td>Thereafter</td><td>25</td><td>29</td><td>600</td></tr><tr><td>Total future minimum payments</td><td>282</td><td>46</td><td>\$ 1,561</td></tr><tr><td>Less: imputed interest</td><td>(21)</td><td>(8)</td><td>N/A</td></tr><tr><td>Total lease liabilities</td><td>261</td><td>38</td><td>N/A</td></tr><tr><td>Current portion</td><td>116</td><td>2</td><td>N/A</td></tr><tr><td>Non-current portion</td><td>\$ 145</td><td>\$ 36</td><td>N/A</td></tr></tbody></table> <div>(1) Excludes commitments for jointly owned fields and facilities for which the Company is not the operator. (2) Amounts represent future payments associated with oil and gas operations inclusive of amounts billable to partners and other working interest owners. Such payments may be capitalized as a component of oil and gas properties and subsequently depreciated, impaired, or written off as exploration expense. (3) Amounts represent the Company's finance lease obligation related to the Company's Midland, Texas regional office building. (4) Amounts represent any agreement to purchase goods or services that are enforceable and legally binding and that specify all significant terms. These include minimum commitments associated with take-or-pay contracts, NGL processing agreements, drilling work program commitments, and agreements to secure capacity rights on third-party pipelines. Amounts exclude certain product purchase obligations related to marketing and trading activities for which there are no minimum purchase requirements or the amounts are not fixed or determinable. Total costs incurred under take-or-pay and throughput obligations were \$120 million, \$111 million, and \$132 million in 2020, 2019, and 2018, respectively.</div>	Net Minimum Commitments <sup>(1)</sup>	Operating Leases <sup>(2)</sup>	Finance Leases <sup>(3)</sup>	Purchase Obligations <sup>(4)</sup>	(In millions)				2021	\$ 120	\$ 3	\$ 236	2022	70	3	203	2023	33	3	203	2024	27	4	160	2025	7	4	159	Thereafter	25	29	600	Total future minimum payments	282	46	\$ 1,561	Less: imputed interest	(21)	(8)	N/A	Total lease liabilities	261	38	N/A	Current portion	116	2	N/A	Non-current portion	\$ 145	\$ 36	N/A
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Current portion	116	2	N/A																																																							
Non-current portion	\$ 145	\$ 36	N/A																																																							
Long-term Purchase Commitment	us-gaap_LongTermPurchaseCommitmentTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<div>At December 31, 2020, contractual obligations for long-term operating leases, finance leases, and purchase obligations are as follows:</div> <table><thead><tr><th>Net Minimum Commitments<sup>(1)</sup></th><th>Operating Leases<sup>(2)</sup></th><th>Finance Leases<sup>(3)</sup></th><th>Purchase Obligations<sup>(4)</sup></th></tr><tr><th colspan="4">(In millions)</th></tr></thead><tbody><tr><td>2021</td><td>\$ 120</td><td>\$ 3</td><td>\$ 236</td></tr><tr><td>2022</td><td>70</td><td>3</td><td>203</td></tr><tr><td>2023</td><td>33</td><td>3</td><td>203</td></tr><tr><td>2024</td><td>27</td><td>4</td><td>160</td></tr><tr><td>2025</td><td>7</td><td>4</td><td>159</td></tr><tr><td>Thereafter</td><td>25</td><td>29</td><td>600</td></tr><tr><td>Total future minimum payments</td><td>282</td><td>46</td><td>\$ 1,561</td></tr><tr><td>Less: imputed interest</td><td>(21)</td><td>(8)</td><td>N/A</td></tr><tr><td>Total lease liabilities</td><td>261</td><td>38</td><td>N/A</td></tr><tr><td>Current portion</td><td>116</td><td>2</td><td>N/A</td></tr><tr><td>Non-current portion</td><td>\$ 145</td><td>\$ 36</td><td>N/A</td></tr></tbody></table> <div>(1) Excludes commitments for jointly owned fields and facilities for which the Company is not the operator. (2) Amounts represent future payments associated with oil and gas operations inclusive of amounts billable to partners and other working interest owners. Such payments may be capitalized as a component of oil and gas properties and subsequently depreciated, impaired, or written off as exploration expense. (3) Amounts represent the Company's finance lease obligation related to the Company's Midland, Texas regional office building. (4) Amounts represent any agreement to purchase goods or services that are enforceable and legally binding and that specify all significant terms. These include minimum commitments associated with take-or-pay contracts, NGL processing agreements, drilling work program commitments, and agreements to secure capacity rights on third-party pipelines. Amounts exclude certain product purchase obligations related to marketing and trading activities for which there are no minimum purchase requirements or the amounts are not fixed or determinable. Total costs incurred under take-or-pay and throughput obligations were \$120 million, \$111 million, and \$132 million in 2020, 2019, and 2018, respectively.</div>	Net Minimum Commitments <sup>(1)</sup>	Operating Leases <sup>(2)</sup>	Finance Leases <sup>(3)</sup>	Purchase Obligations <sup>(4)</sup>	(In millions)				2021	\$ 120	\$ 3	\$ 236	2022	70	3	203	2023	33	3	203	2024	27	4	160	2025	7	4	159	Thereafter	25	29	600	Total future minimum payments	282	46	\$ 1,561	Less: imputed interest	(21)	(8)	N/A	Total lease liabilities	261	38	N/A	Current portion	116	2	N/A	Non-current portion	\$ 145	\$ 36	N/A
Net Minimum Commitments <sup>(1)</sup>	Operating Leases <sup>(2)</sup>	Finance Leases <sup>(3)</sup>	Purchase Obligations <sup>(4)</sup>																																																							
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2021	\$ 120	\$ 3	\$ 236																																																							
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## Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS (Tables)

RETIREMENT AND DEFERRED COMPENSATION PLANS (Tables)	XBRL Details	XBRL Prefix	Data Type	Balance Type	Period Type	12 Months Ended Dec. 31, 2020	
Retirement Benefits [Abstract]	XBRL Tag Name	US-gaap_	xbrli:stringItemType	na	duration		
Changes in Benefit Obligation, Fair Value of Plan Assets and Funded Status of Pension and Postretirement Benefit Plans	us-gaap_CompensationAndRetirementDisclosureAbstract	US-gaap_	xbrli:stringItemType	na	duration		
	us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTextBlock	US-gaap_	nonnum:textBlockItemType na		duration		
	us-gaap_ScheduleOfAllocationOfPlanAssetsTableTextBlock	US-gaap_	nonnum:textBlockItemType na		duration		
Fair Values of Plan Assets for Each Major Asset Category Based on Nature and Significant Concentration of Risks in Plan Assets	us-gaap_FairValueAssetsMeasuredOnRecurringAndNonrecurringBasisTableTextBlock	US-gaap_	nonnum:textBlockItemType na		duration		
Components of Net Periodic Cost and Underlying Weighted Average Actuarial Assumptions Used for Pension and Postretirement Benefit Plans	us-gaap_ScheduleOfNetBenefitCostsTableTextBlock	US-gaap_	nonnum:textBlockItemType na		duration		
Expected Future Benefit Payment	us-gaap_ScheduleOfExpectedBenefitPaymentsTableTextBlock	US-gaap_	nonnum:textBlockItemType na		duration		

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## Cover - REDEMABLE NONCONTROLLING INTEREST - ALTUS (Tables)

REDEMABLE NONCONTROLLING INTEREST - ALTUS (Tables)	XBRL Details					12 Months Ended																																																	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																	
Equity [Abstract]	us-gaap_EquityAbstract	us- gaap_	xbrli:stringItemType	na	duration																																																		
Schedule of Preferred Units																																																							
						<p>The net transaction price was allocated to the preferred redeemable noncontrolling interest and the embedded features according to the associated initial fair value measurements as follows:</p> <table><tr><td></td><td><b>June 12, 2019</b></td></tr><tr><td></td><td><b>(In millions)</b></td></tr><tr><td>Redeemable noncontrolling interest - Altus Preferred Unit limited partners</td><td>\$ 517</td></tr><tr><td>Preferred Units embedded derivative</td><td>94</td></tr><tr><td></td><td><u>\$ 611</u></td></tr></table> <p>Activity related to the Preferred Units for the years ended December 31, 2020 and 2019 is as follows:</p> <table><tr><th></th><th><b>Units Outstanding</b></th><th><b>Financial Position<sup>(1)</sup></b></th></tr><tr><th></th><th colspan="2"><b>(In millions, except unit data)</b></th></tr><tr><td>Redeemable noncontrolling interest — Preferred Units: at December 31, 2018</td><td>—</td><td>\$ —</td></tr><tr><td>Issuance of Preferred Units, net</td><td>625,000</td><td>517</td></tr><tr><td>Distribution of in-kind additional Preferred Units</td><td>13,163</td><td>—</td></tr><tr><td>Allocation of Altus Midstream net income</td><td>N/A</td><td>38</td></tr><tr><td>Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2019</td><td>638,163</td><td>555</td></tr><tr><td>Distribution of in-kind additional Preferred Units</td><td>22,531</td><td>—</td></tr><tr><td>Cash distributions to Altus Preferred Unit limited partners</td><td>—</td><td>(23)</td></tr><tr><td>Allocation of Altus Midstream LP net income</td><td>N/A</td><td>76</td></tr><tr><td>Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2020</td><td>660,694</td><td>608</td></tr><tr><td>Preferred Units embedded derivative</td><td></td><td>139</td></tr><tr><td></td><td></td><td><u>\$ 747</u></td></tr></table> <p>(1) The Preferred Units are redeemable at Altus Midstream's option at a redemption price (the Redemption Price), which as of December 31, 2020 was the greater of (i) an 11.5 percent internal rate of return and (ii) a 1.3 times multiple of invested capital. As of December 31, 2020, the Redemption Price would have been based on 1.3 times multiple of invested capital, which was \$813 million and greater than using an 11.5 percent internal rate of return, which was \$717 million.</p> <p>N/A - not applicable.</p>		<b>June 12, 2019</b>		<b>(In millions)</b>	Redeemable noncontrolling interest - Altus Preferred Unit limited partners	\$ 517	Preferred Units embedded derivative	94		<u>\$ 611</u>		<b>Units Outstanding</b>	<b>Financial Position<sup>(1)</sup></b>		<b>(In millions, except unit data)</b>		Redeemable noncontrolling interest — Preferred Units: at December 31, 2018	—	\$ —	Issuance of Preferred Units, net	625,000	517	Distribution of in-kind additional Preferred Units	13,163	—	Allocation of Altus Midstream net income	N/A	38	Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2019	638,163	555	Distribution of in-kind additional Preferred Units	22,531	—	Cash distributions to Altus Preferred Unit limited partners	—	(23)	Allocation of Altus Midstream LP net income	N/A	76	Redeemable noncontrolling interest - Altus Preferred Unit limited partners: at December 31, 2020	660,694	608	Preferred Units embedded derivative		139			<u>\$ 747</u>
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	us-gaap_TemporaryEquityTableTextBlock	us- gaap_	nonnum:textBlockItemType	na	duration																																																		

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## Cover - CAPITAL STOCK (Tables)

CAPITAL STOCK (Tables)	XBRL Details					12 Months Ended																																																																																																																										
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020																																																																																																																										
Equity [Abstract]	us-gaap_EquityAbstract	us-gaap_	xbrl:stringItemType	na	duration																																																																																																																											
Common Stock Outstanding						The following table provides changes to the Company's common shares outstanding for the years ended December 31, 2020, 2019, and 2018:																																																																																																																										
	us-gaap_ScheduleOfCommonStockOutstandingRollForwardTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	<table><thead><tr><th colspan="6">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th><th></th><th></th></tr></thead><tbody><tr><td>Balance, beginning of year</td><td>376,062,670</td><td>374,696,222</td><td>380,954,864</td><td></td><td></td></tr><tr><td>Shares issued for stock-based compensation plans:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Treasury shares issued</td><td>17,448</td><td>31,701</td><td>2,454</td><td></td><td></td></tr><tr><td>Common shares issued</td><td>1,402,512</td><td>1,334,747</td><td>1,566,237</td><td></td><td></td></tr><tr><td>Treasury shares acquired</td><td>—</td><td>—</td><td>(7,827,333)</td><td></td><td></td></tr><tr><td>Balance, end of year</td><td>377,482,630</td><td>376,062,670</td><td>374,696,222</td><td></td><td></td></tr></tbody></table>						For the Year Ended December 31,							2020	2019	2018			Balance, beginning of year	376,062,670	374,696,222	380,954,864			Shares issued for stock-based compensation plans:						Treasury shares issued	17,448	31,701	2,454			Common shares issued	1,402,512	1,334,747	1,566,237			Treasury shares acquired	—	—	(7,827,333)			Balance, end of year	377,482,630	376,062,670	374,696,222																																																																							
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Balance, end of year	377,482,630	376,062,670	374,696,222																																																																																																																													
Reconciliation of Components of Basic and Diluted Net Income (Loss) Per Common Share	us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	The following table provides a reconciliation of the components of basic and diluted net income (loss) per common share for the years ended December 31, 2020, 2019, and 2018:																																																																																																																										
						<table><thead><tr><th colspan="3">2020</th><th colspan="3">2019</th><th colspan="3">2018</th></tr><tr><th></th><th>Loss</th><th>Shares</th><th>Per Share</th><th>Loss</th><th>Shares</th><th>Per Share</th><th>Income</th><th>Shares</th><th>Per Share</th><th>Income</th><th>Shares</th></tr><tr><th colspan="12">(In millions, except per share amounts)</th></tr></thead><tbody><tr><td>Basic:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Income (loss) attributable to common stock</td><td>\$ (4,860)</td><td>378</td><td>\$ (12.86)</td><td>\$ (3,553)</td><td>377</td><td>\$ (9.43)</td><td>\$ 40</td><td>382</td><td>\$ 0.11</td><td></td><td></td></tr><tr><td>Effect of Dilutive Securities:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Stock options and other</td><td>\$ —</td><td>—</td><td>\$ —</td><td>\$ —</td><td>—</td><td>\$ —</td><td>\$ —</td><td>2</td><td>\$ —</td><td></td><td></td></tr><tr><td>Diluted:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Income (loss) attributable to common stock</td><td>\$ (4,860)</td><td>378</td><td>\$ (12.86)</td><td>\$ (3,553)</td><td>377</td><td>\$ (9.43)</td><td>\$ 40</td><td>384</td><td>\$ 0.11</td><td></td><td></td></tr></tbody></table>						2020			2019			2018				Loss	Shares	Per Share	Loss	Shares	Per Share	Income	Shares	Per Share	Income	Shares	(In millions, except per share amounts)												Basic:												Income (loss) attributable to common stock	\$ (4,860)	378	\$ (12.86)	\$ (3,553)	377	\$ (9.43)	\$ 40	382	\$ 0.11			Effect of Dilutive Securities:												Stock options and other	\$ —	—	\$ —	\$ —	—	\$ —	\$ —	2	\$ —			Diluted:												Income (loss) attributable to common stock	\$ (4,860)	378	\$ (12.86)	\$ (3,553)	377	\$ (9.43)	\$ 40	384	\$ 0.11														
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Description of Stock Based Compensation Plans and Related Costs	apa_DescriptionOfStockBasedCompensationPlansAndRelatedCostsTableTextBlock	apa_	nonnum:textBlockItemType	na	duration																																																																																																																											
Summary of Stock Options Activities						The following table summarizes the Company's stock-settled and cash-settled compensation costs:																																																																																																																										
	us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	The following table summarizes stock option activity for the years ended December 31, 2020, 2019, and 2018:																																																																																																																										
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						(1) As of December 31, 2020, options outstanding had a weighted average remaining contractual life of 3.6 years and no intrinsic value. (2) As of December 31, 2020, options expected to vest had a weighted average remaining contractual life of 7.0 years and no intrinsic value. (3) As of December 31, 2020, options exercisable had a weighted average remaining contractual life of 3.4 years and no intrinsic value.																																																																																																																										
Schedule of Assumptions Used	us-gaap_ScheduleOfShareBasedPaymentAwardStockOptionsValuationAssumptionsTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	The following table summarizes specific assumptions used in the Company's valuation:																																																																																																																										
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						(1) As of December 31, 2020, there was \$14 million of total unrecognized compensation cost related to 1,551,807 unvested stock-settled restricted stock units. (2) As of December 31, 2020, the weighted-average remaining life of unvested stock-settled restricted stock units is approximately 0.7 years. (3) The grant date fair values of the stock-settled awards vested during 2020, 2019, and 2018 were approximately \$94 million, \$103 million, and \$111 million, respectively.																																																																																																																										
						The following table summarizes cash-settled restricted stock phantom unit activity for the years ended December 31, 2020, 2019, and 2018:																																																																																																																										
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						(1) On June 30, 2020, Altus executed a 1-for-20 reverse stock split of its outstanding common stock. Outstanding cash-settled awards are based on the per-share market price of ALT M stock. (2) Restricted stock phantom units granted during 2020 and 2019 included 3,378,486 and 3,401,477 awards, respectively, based on the per-share market price of Apache common stock and \$3,239 and 1,429,135 awards, respectively, based on the per-share market price of ALT M common stock. The restricted stock phantom units granted during 2020 based on ALT M's per-share market price reflect the 1-for-20 reverse stock split described above. (3) The outstanding liability for the unvested cash-settled restricted stock phantom units that had not been recognized as of December 31, 2020 was approximately \$28 million.																																																																																																																										
						The following table summarizes stock-settled conditional restricted stock unit activity for the year ended December 31, 2020:																																																																																																																										
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Non-vested, beginning of year	781	\$ 52.69	18	62.31																																																																																																																												
Granted	—	—	—	—	—	—																																																																																																																										
Vested	(445)	41.10																																																																																																																														
Forfeited	(16)	56.66																																																																																																																														
Expired	(22)	70.70																																																																																																																														
Non-vested, end of year <sup>(3)</sup>	111	63.15																																																																																																																														
						(1) The fair value of each conditional restricted stock unit award is estimated as of the date of grant using a Monte Carlo simulation with the following assumptions used for all grants made under the plan: (i) a three-year continuous risk-free interest rate; (ii) a constant volatility assumption based on the historical realized stock price volatility of the Company and the designated peer group; and (iii) the historical stock prices and expected dividends of the common stock of the Company and its designated peer group. (2) As of December 31, 2020, there was no unrecognized compensation cost related to 111,126 unvested stock-settled conditional restricted stock units. (3) As of December 31, 2020, the weighted-average remaining life of the unvested stock-settled conditional restricted stock units is approximately 0.0 years.																																																																																																																										
						The following table summarizes cash-settled conditional restricted stock unit activity for the year ended December 31, 2020:																																																																																																																										
						<table><thead><tr><th colspan="3">2020</th><th colspan="3">2019</th><th colspan="3">2018</th></tr><tr><th></th><th>Units</th><th>Weighted Average Grant-Date Fair Value</th><th>Units</th><th>Weighted Average Grant-Date Fair Value</th><th>Units</th><th>Weighted Average Grant-Date Fair Value</th><th></th><th></th><th></th><th></th><th></th></tr><tr><th colspan="12">(In thousands)</th></tr></thead><tbody><tr><td>Non-vested, beginning of year</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Granted</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Vested</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Forfeited</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Expired</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Non-vested, end of year<sup>(1)</sup></td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td>—</td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						2020			2019			2018				Units	Weighted Average Grant-Date Fair Value	Units	Weighted Average Grant-Date Fair Value	Units	Weighted Average Grant-Date Fair Value						(In thousands)												Non-vested, beginning of year	—	—	—	—	—	—						Granted	—	—	—	—	—	—						Vested	—	—	—	—	—	—						Forfeited	—	—	—	—	—	—						Expired	—	—	—	—	—	—						Non-vested, end of year <sup>(1)</sup>	—	—	—	—	—	—																	
2020			2019			2018																																																																																																																										
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Expired	—	—	—	—	—	—																																																																																																																										
Non-vested, end of year <sup>(1)</sup>	—	—	—	—	—	—																																																																																																																										
						(1) As of December 31, 2020, the outstanding liability for the unvested cash-settled conditional restricted stock units that had not been recognized was approximately \$14 million.																																																																																																																										

+ References + Details

## Cover - ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) (Tables)

ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) (Tables)	XBRL Details					12 Months Ended	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	
Equity [Abstract]	us-gaap_EquityAbstract	us-gaap_	xbri:stringItemType	na	duration		
Components of Accumulated Other Comprehensive Income (Loss)						Components of accumulated other comprehensive income (loss) include the following:	
						<b>As of December 31,</b>	
						<b>2020    2019    2018</b>	
						<b>(In millions)</b>	
	us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock	us-gaap_	nonnum:textBlockItemType	na	duration	Share of equity method interests	
						other comprehensive loss	
						\$ (1)	\$ (1) \$ —
						Pension and postretirement benefit plan	
						(Note 12)	
						15	17 4
						Accumulated other comprehensive income	
						\$ 14	\$ 16 \$ 4

+ Details

## Cover - BUSINESS SEGMENT INFORMATION (Tables)

BUSINESS SEGMENT INFORMATION (Tables)	XBRL Details					12 Months Ended																																																																																																																																																																																																																																												
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Segment Reporting [Abstract]	us-gaap_SegmentReportingAbstract	us-gaap_	xbri:stringItemType	na	duration																																																																																																																																																																																																																																													
Financial Segment Information						Financial information for each segment is presented below:																																																																																																																																																																																																																																												
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sales</td><td>—</td><td>—</td><td>394</td><td>4</td><td>—</td><td>398</td></tr><tr><td>Midstream service affiliate revenues</td><td>—</td><td>—</td><td>—</td><td>145</td><td>(145)</td><td>—</td></tr><tr><td></td><td>1,390</td><td>883</td><td>2,158</td><td>149</td><td>(145)</td><td>4,435</td></tr><tr><td>Operating Expenses:</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Lease operating expenses</td><td>424</td><td>305</td><td>400</td><td>—</td><td>(2)</td><td>1,127</td></tr><tr><td>Gathering, processing, and transmission</td><td>38</td><td>50</td><td>291</td><td>38</td><td>(143)</td><td>274</td></tr><tr><td>Purchased oil and gas costs</td><td>—</td><td>—</td><td>354</td><td>3</td><td>—</td><td>357</td></tr><tr><td>Taxes other than income</td><td>—</td><td>—</td><td>108</td><td>15</td><td>—</td><td>123</td></tr><tr><td>Exploration</td><td>63</td><td>28</td><td>168</td><td>—</td><td>15</td><td>274</td></tr><tr><td>Depreciation, depletion, and amortization</td><td>601</td><td>380</td><td>779</td><td>12</td><td>—</td><td>1,772</td></tr><tr><td>Asset retirement obligation accretion</td><td>—</td><td>73</td><td>32</td><td>4</td><td>—</td><td>109</td></tr><tr><td>Impairments</td><td>529</td><td>7</td><td>3,963</td><td>2</td><td>—</td><td>4,501</td></tr><tr><td></td><td>1,655</td><td>843</td><td>6,095</td><td>74</td><td>(130)</td><td>8,537</td></tr><tr><td>Operating Income (Loss)</td><td>\$ (265)</td><td>\$ 40</td><td>\$ (3,937)</td><td>\$ 75</td><td>\$ (15)</td><td>(4,102)</td></tr><tr><td>Other Income (Expense):</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Gain on divestitures, net</td><td></td><td></td><td></td><td></td><td></td><td>32</td></tr><tr><td>Derivative instrument losses, net</td><td></td><td></td><td></td><td></td><td></td><td>(223)</td></tr><tr><td>Other</td><td></td><td></td><td></td><td></td><td></td><td>64</td></tr><tr><td>General and 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millions)						2020							Oil revenues	\$1,102	\$ 795	\$ 1,209	\$ —	\$ —	\$ 3,106	Natural gas revenues	280	67	251	—	—	598	Natural gas liquids revenues	8	21	304	—	—	333	Oil, natural gas, and natural gas liquids production revenues	1,390	883	1,764	—	—	4,037	Purchased oil and gas sales	—	—	394	4	—	398	Midstream service affiliate revenues	—	—	—	145	(145)	—		1,390	883	2,158	149	(145)	4,435	Operating Expenses:							Lease operating expenses	424	305	400	—	(2)	1,127	Gathering, processing, and transmission	38	50	291	38	(143)	274	Purchased oil and gas costs	—	—	354	3	—	357	Taxes other than income	—	—	108	15	—	123	Exploration	63	28	168	—	15	274	Depreciation, depletion, and amortization	601	380	779	12	—	1,772	Asset retirement obligation accretion	—	73	32	4	—	109	Impairments	529	7	3,963	2	—	4,501		1,655	843	6,095	74	(130)	8,537	Operating Income (Loss)	\$ (265)	\$ 40	\$ (3,937)	\$ 75	\$ (15)	(4,102)	Other Income (Expense):							Gain on divestitures, net						32	Derivative instrument losses, net						(223)	Other						64	General and administrative						(290)	Transaction, reorganization, and separation						(54)	Financing costs, net						(267)	Loss Before Income Taxes						\$(4,840)	Total Assets <sup>(3)</sup>	\$3,003	\$2,220	\$ 5,540	\$ 1,786	\$ 197	\$12,746	Net Property and Equipment	\$1,955	\$1,773	\$ 4,760	\$ 196	\$ 135	\$ 8,819	Additions to Net Property and Equipment	\$ 454	\$ 215	\$ 345	\$ 12	\$ 136	\$ 1,162
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amortization</td><td>708</td><td>366</td><td>1,566</td><td>40</td><td>—</td><td>2,680</td></tr><tr><td>Asset retirement obligation accretion</td><td>—</td><td>76</td><td>29</td><td>2</td><td>—</td><td>107</td></tr><tr><td>Impairments</td><td>—</td><td>—</td><td>1,648</td><td>1,301</td><td>—</td><td>2,949</td></tr><tr><td></td><td>1,332</td><td>809</td><td>5,211</td><td>1,412</td><td>(121)</td><td>8,643</td></tr><tr><td>Operating Income (Loss)</td><td>\$ 944</td><td>\$ 467</td><td>\$ (2,272)</td><td>\$ (1,276)</td><td>\$ (15)</td><td>(2,152)</td></tr><tr><td>Other Income (Expense):</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Gain on divestitures, net</td><td></td><td></td><td></td><td></td><td></td><td>43</td></tr><tr><td>Derivative instrument losses, net</td><td></td><td></td><td></td><td></td><td></td><td>(35)</td></tr><tr><td>Other</td><td></td><td></td><td></td><td></td><td></td><td>54</td></tr><tr><td>General and 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millions)						2019							Oil revenues	\$1,969	\$1,163	\$ 2,098	\$ —	\$ —	\$ 5,230	Natural gas revenues	295	90	293	—	—	678	Natural gas liquids revenues	12	23	372	—	—	407	Oil, natural gas, and natural gas liquids production revenues	2,276	1,276	2,763	—	—	6,315	Purchased oil and gas sales	—	—	176	—	—	176	Midstream service affiliate revenues	—	—	—	136	(136)	—		2,276	1,276	2,939	136	(136)	6,491	Operating Expenses:							Lease operating expenses	484	320	645	—	(2)	1,447	Gathering, processing, and transmission	40	45	299	56	(134)	306	Purchased oil and gas costs	—	—	142	—	—	142	Taxes other than income	—	—	194	13	—	207	Exploration	100	2	688	—	15	805	Depreciation, depletion, and amortization	708	366	1,566	40	—	2,680	Asset retirement obligation accretion	—	76	29	2	—	107	Impairments	—	—	1,648	1,301	—	2,949		1,332	809	5,211	1,412	(121)	8,643	Operating Income (Loss)	\$ 944	\$ 467	\$ (2,272)	\$ (1,276)	\$ (15)	(2,152)	Other Income (Expense):							Gain on divestitures, net						43	Derivative instrument losses, net						(35)	Other						54	General and administrative						(406)	Transaction, reorganization, and separation						(50)	Financing costs, net						(462)	Loss Before Income Taxes						\$(3,008)	Total Assets <sup>(3)</sup>	\$3,700	\$2,473	\$10,388	\$ 1,479	\$ 67	\$18,107	Net Property and Equipment	\$2,573	\$1,956	\$ 9,385	\$ 206	\$ 38	\$14,158	Additions to Net Property and Equipment	\$ 454	\$ 183	\$ 1,696	\$ 308	\$ 93	\$ 2,734
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Oil, natural gas, and natural gas liquids production revenues	2,748	1,321	3,279	—	—	7,348
Purchased oil and gas sales	—	—	357	—	—	357
Midstream service affiliate revenues	—	—	—	77	(77)	—
	<u>2,748</u>	<u>1,321</u>	<u>3,636</u>	<u>77</u>	<u>(77)</u>	<u>7,705</u>
Operating Expenses:						
Lease operating expenses	428	341	670	—	—	1,439
Gathering, processing, and transmission	47	42	282	54	(77)	348
Purchased oil and gas costs	—	—	340	—	—	340
Taxes other than income	—	—	207	8	—	215
Exploration	88	192	219	—	4	503
Depreciation, depletion, and amortization	745	375	1,266	19	—	2,405
Asset retirement obligation accretion	—	75	32	1	—	108
Impairments	63	10	438	—	—	511
	<u>1,371</u>	<u>1,035</u>	<u>3,454</u>	<u>82</u>	<u>(73)</u>	<u>5,869</u>
Operating Income (Loss)	<u>\$1,377</u>	<u>\$ 286</u>	<u>\$ 182</u>	<u>\$ (5)</u>	<u>\$ (4)</u>	<u>1,836</u>
Other Income (Expense):						
Gain on divestitures, net						23
Derivative instrument losses, net						(17)
Other						53
General and administrative						(431)
Transaction, reorganization, and separation						(28)
Financing costs, net						(478)
Income Before Income Taxes						<u>\$ 958</u>
Total Assets <sup>(1)</sup>	<u>\$4,260</u>	<u>\$2,456</u>	<u>\$12,962</u>	<u>\$ 1,857</u>	<u>\$ 47</u>	<u>\$21,582</u>
Net Property and Equipment	<u>\$2,856</u>	<u>\$2,148</u>	<u>\$12,145</u>	<u>\$ 1,227</u>	<u>\$ 45</u>	<u>\$18,421</u>
Additions to Net Property and Equipment	<u>\$ 594</u>	<u>\$ 223</u>	<u>\$ 2,544</u>	<u>\$ 545</u>	<u>\$ 8</u>	<u>\$ 3,914</u>

(1) Includes revenue from non-customers for the years ended December 31, 2020, 2019, and 2018 of:

	For the Year Ended December 31,		
	2020	2019	2018
	(In millions)		
Oil	\$ 95	\$ 410	\$ 592
Natural gas	14	40	58
Natural gas liquids	—	1	2

(2) Includes a noncontrolling interest in Egypt and Altus Midstream.

(3) Intercompany balances are excluded from total assets.

+ References + Details

## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) (Tables)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) (Tables)	XBRL Details		XBRL Prefix	Data Type	Balance Type	Period Type	12 Months Ended																																																																																																																																																																																																																																																																																								
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Revenue and Direct Cost Information Relating to Company's Oil and Gas Exploration and Production Activities							<p>The following table sets forth revenue and direct cost information relating to the Company's oil and gas exploration and production activities. Apache has no long-term agreements to purchase oil or gas production from foreign governments or authorities.</p> <table><thead><tr><th></th><th>United States</th><th>Egypt<sup>(1)</sup></th><th>North Sea</th><th>Other International</th><th>Total<sup>(1)</sup></th></tr><tr><th colspan="6">(In millions, except per boe)</th></tr></thead><tbody><tr><td><b>2020</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Oil and gas production revenues</td><td>\$ 1,764</td><td>\$ 1,390</td><td>\$ 883</td><td>\$ —</td><td>\$ 4,037</td></tr><tr><td>Operating cost:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Depreciation, depletion, and amortization<sup>(2)</sup></td><td>726</td><td>540</td><td>377</td><td>—</td><td>1,643</td></tr><tr><td>Asset retirement obligation accretion</td><td>32</td><td>—</td><td>73</td><td>—</td><td>105</td></tr><tr><td>Lease operating expenses</td><td>400</td><td>424</td><td>305</td><td>—</td><td>1,129</td></tr><tr><td>Gathering, processing, and transmission expenses</td><td>291</td><td>38</td><td>50</td><td>—</td><td>379</td></tr><tr><td>Exploration expenses</td><td>168</td><td>63</td><td>28</td><td>15</td><td>274</td></tr><tr><td>Impairments related to oil and gas properties</td><td>3,938</td><td>374</td><td>7</td><td>—</td><td>4,319</td></tr><tr><td>Production taxes<sup>(3)</sup></td><td>106</td><td>—</td><td>—</td><td>—</td><td>106</td></tr><tr><td>Income tax</td><td>(818)</td><td>(22)</td><td>17</td><td>—</td><td>(823)</td></tr><tr><td></td><td>4,843</td><td>1,417</td><td>857</td><td>15</td><td>7,132</td></tr><tr><td>Results of operations</td><td>\$ (3,079)</td><td>\$ (27)</td><td>\$ 26</td><td>\$ (15)</td><td>\$ (3,095)</td></tr><tr><td><b>2019</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Oil and gas production revenues</td><td>\$ 2,763</td><td>\$ 2,276</td><td>\$ 1,276</td><td>\$ —</td><td>\$ 6,315</td></tr><tr><td>Operating cost:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Depreciation, depletion, and amortization<sup>(2)</sup></td><td>1,508</td><td>641</td><td>363</td><td>—</td><td>2,512</td></tr><tr><td>Asset retirement obligation accretion</td><td>29</td><td>—</td><td>76</td><td>—</td><td>105</td></tr><tr><td>Lease operating expenses</td><td>645</td><td>484</td><td>320</td><td>—</td><td>1,449</td></tr><tr><td>Gathering, processing, and transmission expenses</td><td>299</td><td>40</td><td>45</td><td>—</td><td>384</td></tr><tr><td>Exploration expenses</td><td>688</td><td>100</td><td>2</td><td>15</td><td>805</td></tr><tr><td>Impairments related to oil and gas properties</td><td>1,633</td><td>—</td><td>—</td><td>—</td><td>1,633</td></tr><tr><td>Production taxes<sup>(3)</sup></td><td>191</td><td>—</td><td>—</td><td>—</td><td>191</td></tr><tr><td>Income tax</td><td>(468)</td><td>455</td><td>188</td><td>—</td><td>175</td></tr><tr><td></td><td>4,525</td><td>1,720</td><td>994</td><td>15</td><td>7,254</td></tr><tr><td>Results of operations</td><td>\$ (1,762)</td><td>\$ 556</td><td>\$ 282</td><td>\$ (15)</td><td>\$ (939)</td></tr><tr><td><b>2018</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Oil and gas production revenues</td><td>\$ 3,279</td><td>\$ 2,748</td><td>\$ 1,321</td><td>\$ —</td><td>\$ 7,348</td></tr><tr><td>Operating cost:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Depreciation, depletion, and amortization<sup>(2)</sup></td><td>1,206</td><td>688</td><td>371</td><td>—</td><td>2,265</td></tr><tr><td>Asset retirement obligation accretion</td><td>32</td><td>—</td><td>75</td><td>—</td><td>107</td></tr><tr><td>Lease operating expenses</td><td>670</td><td>428</td><td>341</td><td>—</td><td>1,439</td></tr><tr><td>Gathering, processing, and transmission expenses</td><td>282</td><td>47</td><td>42</td><td>—</td><td>371</td></tr><tr><td>Exploration expenses</td><td>219</td><td>88</td><td>192</td><td>4</td><td>503</td></tr><tr><td>Impairments related to oil and gas properties</td><td>265</td><td>63</td><td>10</td><td>—</td><td>338</td></tr><tr><td>Production taxes<sup>(3)</sup></td><td>203</td><td>—</td><td>—</td><td>—</td><td>203</td></tr><tr><td>Income tax</td><td>87</td><td>645</td><td>116</td><td>—</td><td>848</td></tr><tr><td></td><td>2,964</td><td>1,959</td><td>1,147</td><td>4</td><td>6,074</td></tr><tr><td>Results of operations</td><td>\$ 315</td><td>\$ 789</td><td>\$ 174</td><td>\$ (4)</td><td>\$ 1,274</td></tr></tbody></table> <p>(1) Includes a noncontrolling interest in Egypt.</p> <p>(2) Reflects DD&amp;A of capitalized costs of oil and gas properties and, therefore, does not agree with DD&amp;A reflected on <a href="#">Note 17 - Business Segment Information</a>.</p> <p>(3) Reflects only amounts directly related to oil and gas producing properties and, therefore, does not agree with taxes other than income reflected on <a href="#">Note 12 - Business Segment Information</a>.</p>						United States	Egypt <sup>(1)</sup>	North Sea	Other International	Total <sup>(1)</sup>	(In millions, except per boe)						<b>2020</b>						Oil and gas production revenues	\$ 1,764	\$ 1,390	\$ 883	\$ —	\$ 4,037	Operating cost:						Depreciation, depletion, and amortization <sup>(2)</sup>	726	540	377	—	1,643	Asset retirement obligation accretion	32	—	73	—	105	Lease operating expenses	400	424	305	—	1,129	Gathering, processing, and transmission expenses	291	38	50	—	379	Exploration expenses	168	63	28	15	274	Impairments related to oil and gas properties	3,938	374	7	—	4,319	Production taxes <sup>(3)</sup>	106	—	—	—	106	Income tax	(818)	(22)	17	—	(823)		4,843	1,417	857	15	7,132	Results of operations	\$ (3,079)	\$ (27)	\$ 26	\$ (15)	\$ (3,095)	<b>2019</b>						Oil and gas production revenues	\$ 2,763	\$ 2,276	\$ 1,276	\$ —	\$ 6,315	Operating cost:						Depreciation, depletion, and amortization <sup>(2)</sup>	1,508	641	363	—	2,512	Asset retirement obligation accretion	29	—	76	—	105	Lease operating expenses	645	484	320	—	1,449	Gathering, processing, and transmission expenses	299	40	45	—	384	Exploration expenses	688	100	2	15	805	Impairments related to oil and gas properties	1,633	—	—	—	1,633	Production taxes <sup>(3)</sup>	191	—	—	—	191	Income tax	(468)	455	188	—	175		4,525	1,720	994	15	7,254	Results of operations	\$ (1,762)	\$ 556	\$ 282	\$ (15)	\$ (939)	<b>2018</b>						Oil and gas production revenues	\$ 3,279	\$ 2,748	\$ 1,321	\$ —	\$ 7,348	Operating cost:						Depreciation, depletion, and amortization <sup>(2)</sup>	1,206	688	371	—	2,265	Asset retirement obligation accretion	32	—	75	—	107	Lease operating expenses	670	428	341	—	1,439	Gathering, processing, and transmission expenses	282	47	42	—	371	Exploration expenses	219	88	192	4	503	Impairments related to oil and gas properties	265	63	10	—	338	Production taxes <sup>(3)</sup>	203	—	—	—	203	Income tax	87	645	116	—	848		2,964	1,959	1,147	4	6,074	Results of operations	\$ 315	\$ 789	\$ 174	\$ (4)	\$ 1,274																														
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Production taxes <sup>(3)</sup>	106	—	—	—	106																																																																																																																																																																																																																																																																																										
Income tax	(818)	(22)	17	—	(823)																																																																																																																																																																																																																																																																																										
	4,843	1,417	857	15	7,132																																																																																																																																																																																																																																																																																										
Results of operations	\$ (3,079)	\$ (27)	\$ 26	\$ (15)	\$ (3,095)																																																																																																																																																																																																																																																																																										
<b>2019</b>																																																																																																																																																																																																																																																																																															
Oil and gas production revenues	\$ 2,763	\$ 2,276	\$ 1,276	\$ —	\$ 6,315																																																																																																																																																																																																																																																																																										
Operating cost:																																																																																																																																																																																																																																																																																															
Depreciation, depletion, and amortization <sup>(2)</sup>	1,508	641	363	—	2,512																																																																																																																																																																																																																																																																																										
Asset retirement obligation accretion	29	—	76	—	105																																																																																																																																																																																																																																																																																										
Lease operating expenses	645	484	320	—	1,449																																																																																																																																																																																																																																																																																										
Gathering, processing, and transmission expenses	299	40	45	—	384																																																																																																																																																																																																																																																																																										
Exploration expenses	688	100	2	15	805																																																																																																																																																																																																																																																																																										
Impairments related to oil and gas properties	1,633	—	—	—	1,633																																																																																																																																																																																																																																																																																										
Production taxes <sup>(3)</sup>	191	—	—	—	191																																																																																																																																																																																																																																																																																										
Income tax	(468)	455	188	—	175																																																																																																																																																																																																																																																																																										
	4,525	1,720	994	15	7,254																																																																																																																																																																																																																																																																																										
Results of operations	\$ (1,762)	\$ 556	\$ 282	\$ (15)	\$ (939)																																																																																																																																																																																																																																																																																										
<b>2018</b>																																																																																																																																																																																																																																																																																															
Oil and gas production revenues	\$ 3,279	\$ 2,748	\$ 1,321	\$ —	\$ 7,348																																																																																																																																																																																																																																																																																										
Operating cost:																																																																																																																																																																																																																																																																																															
Depreciation, depletion, and amortization <sup>(2)</sup>	1,206	688	371	—	2,265																																																																																																																																																																																																																																																																																										
Asset retirement obligation accretion	32	—	75	—	107																																																																																																																																																																																																																																																																																										
Lease operating expenses	670	428	341	—	1,439																																																																																																																																																																																																																																																																																										
Gathering, processing, and transmission expenses	282	47	42	—	371																																																																																																																																																																																																																																																																																										
Exploration expenses	219	88	192	4	503																																																																																																																																																																																																																																																																																										
Impairments related to oil and gas properties	265	63	10	—	338																																																																																																																																																																																																																																																																																										
Production taxes <sup>(3)</sup>	203	—	—	—	203																																																																																																																																																																																																																																																																																										
Income tax	87	645	116	—	848																																																																																																																																																																																																																																																																																										
	2,964	1,959	1,147	4	6,074																																																																																																																																																																																																																																																																																										
Results of operations	\$ 315	\$ 789	\$ 174	\$ (4)	\$ 1,274																																																																																																																																																																																																																																																																																										
Costs Incurred in Oil and Gas Property Acquisitions, Exploration and Development Activities							<p><b>Costs Incurred in Oil and Gas Property Acquisitions, Exploration, and Development Activities</b></p> <table><thead><tr><th></th><th>United States</th><th>Egypt<sup>(1)</sup></th><th>North Sea</th><th>Other International</th><th>Total<sup>(1)</sup></th></tr><tr><th colspan="6">(In millions)</th></tr></thead><tbody><tr><td><b>2020</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Acquisitions:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Proved</td><td>\$ —</td><td>\$ 7</td><td>\$ —</td><td>\$ —</td><td>\$ 7</td></tr><tr><td>Unproved</td><td>4</td><td>—</td><td>—</td><td>—</td><td>4</td></tr><tr><td>Exploration</td><td>8</td><td>102</td><td>68</td><td>150</td><td>328</td></tr><tr><td>Development</td><td>332</td><td>378</td><td>162</td><td>—</td><td>872</td></tr><tr><td>Costs incurred<sup>(1)</sup></td><td>\$ 344</td><td>\$ 487</td><td>\$ 230</td><td>\$ 150</td><td>\$ 1,211</td></tr><tr><td colspan="6"><sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:</td></tr><tr><td>Capitalized interest</td><td>\$ —</td><td>\$ —</td><td>\$ —</td><td>\$ 3</td><td>\$ 3</td></tr><tr><td>Asset retirement costs</td><td>9</td><td>—</td><td>29</td><td>—</td><td>38</td></tr><tr><td><b>2019</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Acquisitions:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Proved</td><td>\$ 3</td><td>\$ 5</td><td>\$ —</td><td>\$ —</td><td>\$ 8</td></tr><tr><td>Unproved</td><td>47</td><td>10</td><td>—</td><td>—</td><td>57</td></tr><tr><td>Exploration</td><td>162</td><td>139</td><td>62</td><td>105</td><td>468</td></tr><tr><td>Development</td><td>1,500</td><td>374</td><td>119</td><td>3</td><td>3,996</td></tr><tr><td>Costs incurred<sup>(1)</sup></td><td>\$ 1,712</td><td>\$ 528</td><td>\$ 181</td><td>\$ 108</td><td>\$ 2,529</td></tr><tr><td colspan="6"><sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:</td></tr><tr><td>Capitalized interest</td><td>\$ 23</td><td>\$ —</td><td>\$ 5</td><td>\$ 4</td><td>\$ 32</td></tr><tr><td>Asset retirement costs</td><td>14</td><td>—</td><td>(111)</td><td>—</td><td>(97)</td></tr><tr><td><b>2018</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Acquisitions:</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Proved</td><td>\$ —</td><td>\$ 6</td><td>\$ —</td><td>\$ —</td><td>\$ 6</td></tr><tr><td>Unproved</td><td>111</td><td>16</td><td>—</td><td>—</td><td>127</td></tr><tr><td>Exploration</td><td>640</td><td>175</td><td>113</td><td>12</td><td>940</td></tr><tr><td>Development</td><td>1,791</td><td>457</td><td>133</td><td>—</td><td>2,381</td></tr><tr><td>Costs incurred<sup>(1)</sup></td><td>\$ 2,542</td><td>\$ 654</td><td>\$ 246</td><td>\$ 12</td><td>\$ 3,454</td></tr><tr><td colspan="6"><sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:</td></tr><tr><td>Capitalized interest</td><td>\$ 23</td><td>\$ —</td><td>\$ 11</td><td>\$ 2</td><td>\$ 36</td></tr><tr><td>Asset retirement costs</td><td>93</td><td>—</td><td>(62)</td><td>—</td><td>31</td></tr></tbody></table> <p><sup>(1)</sup> Includes a noncontrolling interest in Egypt.</p> <p>The following table sets forth the capitalized costs and associated accumulated depreciation, depletion, and amortization relating to the Company's oil and gas acquisition, exploration, and development activities:</p> <table><thead><tr><th></th><th>United States</th><th>Egypt<sup>(1)</sup></th><th>North Sea</th><th>Other International</th><th>Total<sup>(1)</sup></th></tr><tr><th colspan="6">(In millions)</th></tr></thead><tbody><tr><td><b>2020</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Proved properties</td><td>\$ 20,343</td><td>\$ 12,069</td><td>\$ 8,805</td><td>\$ —</td><td>\$ 41,217</td></tr><tr><td>Unproved properties</td><td>348</td><td>77</td><td>42</td><td>135</td><td>602</td></tr><tr><td></td><td>20,691</td><td>12,146</td><td>8,847</td><td>135</td><td>41,819</td></tr><tr><td>Accumulated DD&amp;A</td><td>(16,252)</td><td>(10,290)</td><td>(7,081)</td><td>—</td><td>(33,623)</td></tr><tr><td></td><td>\$ 4,439</td><td>\$ 1,856</td><td>\$ 1,766</td><td>\$ 135</td><td>\$ 8,196</td></tr><tr><td><b>2019</b></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Proved properties</td><td>\$ 20,291</td><td>\$ 11,614</td><td>\$ 8,635</td><td>\$ —</td><td>\$ 40,540</td></tr><tr><td>Unproved properties</td><td>509</td><td>109</td><td>10</td><td>38</td><td>666</td></tr><tr><td></td><td>20,800</td><td>11,723</td><td>8,645</td><td>38</td><td>41,206</td></tr><tr><td>Accumulated DD&amp;A</td><td>(11,783)</td><td>(9,377)</td><td>(6,700)</td><td>—</td><td>(27,860)</td></tr><tr><td></td><td>\$ 9,017</td><td>\$ 2,346</td><td>\$ 1,945</td><td>\$ 38</td><td>\$ 13,346</td></tr></tbody></table> <p>(1) Includes a noncontrolling interest in Egypt.</p>						United States	Egypt <sup>(1)</sup>	North Sea	Other International	Total <sup>(1)</sup>	(In millions)						<b>2020</b>						Acquisitions:						Proved	\$ —	\$ 7	\$ —	\$ —	\$ 7	Unproved	4	—	—	—	4	Exploration	8	102	68	150	328	Development	332	378	162	—	872	Costs incurred <sup>(1)</sup>	\$ 344	\$ 487	\$ 230	\$ 150	\$ 1,211	<sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:						Capitalized interest	\$ —	\$ —	\$ —	\$ 3	\$ 3	Asset retirement costs	9	—	29	—	38	<b>2019</b>						Acquisitions:						Proved	\$ 3	\$ 5	\$ —	\$ —	\$ 8	Unproved	47	10	—	—	57	Exploration	162	139	62	105	468	Development	1,500	374	119	3	3,996	Costs incurred <sup>(1)</sup>	\$ 1,712	\$ 528	\$ 181	\$ 108	\$ 2,529	<sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:						Capitalized interest	\$ 23	\$ —	\$ 5	\$ 4	\$ 32	Asset retirement costs	14	—	(111)	—	(97)	<b>2018</b>						Acquisitions:						Proved	\$ —	\$ 6	\$ —	\$ —	\$ 6	Unproved	111	16	—	—	127	Exploration	640	175	113	12	940	Development	1,791	457	133	—	2,381	Costs incurred <sup>(1)</sup>	\$ 2,542	\$ 654	\$ 246	\$ 12	\$ 3,454	<sup>(1)</sup> Includes capitalized interest and asset retirement costs as follows:						Capitalized interest	\$ 23	\$ —	\$ 11	\$ 2	\$ 36	Asset retirement costs	93	—	(62)	—	31		United States	Egypt <sup>(1)</sup>	North Sea	Other International	Total <sup>(1)</sup>	(In millions)						<b>2020</b>						Proved properties	\$ 20,343	\$ 12,069	\$ 8,805	\$ —	\$ 41,217	Unproved properties	348	77	42	135	602		20,691	12,146	8,847	135	41,819	Accumulated DD&A	(16,252)	(10,290)	(7,081)	—	(33,623)		\$ 4,439	\$ 1,856	\$ 1,766	\$ 135	\$ 8,196	<b>2019</b>						Proved properties	\$ 20,291	\$ 11,614	\$ 8,635	\$ —	\$ 40,540	Unproved properties	509	109	10	38	666		20,800	11,723	8,645	38	41,206	Accumulated DD&A	(11,783)	(9,377)	(6,700)	—	(27,860)		\$ 9,017	\$ 2,346	\$ 1,945	\$ 38	\$ 13,346
	United States	Egypt <sup>(1)</sup>	North Sea	Other International	Total <sup>(1)</sup>																																																																																																																																																																																																																																																																																										
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Costs incurred <sup>(1)</sup>	\$ 1,712	\$ 528	\$ 181	\$ 108	\$ 2,529																																																																																																																																																																																																																																																																																										
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Accumulated DD&A	(11,783)	(9,377)	(6,700)	—	(27,860)																																																																																																																																																																																																																																																																																										
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Proved Reserve Data

There are numerous uncertainties inherent in estimating quantities of proved reserves and projecting future rates of production and timing of development expenditures. The reserve data in the following tables only represent estimates and should not be construed as being exact.

Crude Oil and Condensate				
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
(Thousands of barrels)				
<b>Proved developed reserves:</b>				
December 31, 2017	304,279	124,568	92,598	521,445
December 31, 2018	300,484	110,014	104,491	514,989
December 31, 2019	278,145	103,573	101,712	483,430
December 31, 2020	206,936	95,981	86,566	389,483
<b>Proved undeveloped reserves:</b>				
December 31, 2017	31,904	16,198	14,013	62,115
December 31, 2018	45,182	9,484	11,278	65,944
December 31, 2019	46,716	10,831	10,049	67,596
December 31, 2020	25,516	11,228	7,273	44,017
<b>Total proved reserves:</b>				
Balance December 31, 2017	336,183	140,766	106,611	583,560
Extensions, discoveries and other additions	61,976	22,473	15,682	100,131
Purchases of minerals in-place	140	—	—	140
Revisions of previous estimates	(14,334)	(9,556)	10,613	(13,277)
Production	(38,252)	(34,185)	(17,137)	(89,574)
Sales of minerals in-place	(47)	—	—	(47)
Balance December 31, 2018	345,666	119,498	115,769	580,933
Extensions, discoveries and other additions	52,297	21,039	9,017	82,353
Revisions of previous estimates	(16,446)	4,752	5,132	(6,562)
Production	(38,344)	(30,885)	(18,157)	(87,386)
Sales of minerals in-place	(18,312)	—	—	(18,312)
Balance December 31, 2019	324,861	114,404	111,761	551,026
Extensions, discoveries and other additions	17,858	17,855	5,275	40,988
Revisions of previous estimates	(69,247)	2,541	(4,756)	(71,462)
Production	(32,299)	(27,591)	(18,441)	(78,331)
Sales of minerals in-place	(8,721)	—	—	(8,721)
Balance December 31, 2020	232,452	107,209	93,839	433,500

(1) Includes proved reserves of 36 MMbbls, 38 MMbbls, 40 MMbbls, and 47 MMbbls as of December 31, 2017, 2018, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

Natural Gas Liquids				
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
(Thousands of barrels)				
<b>Proved developed reserves:</b>				
December 31, 2017	171,005	685	2,025	173,715
December 31, 2018	197,574	502	1,938	200,014
December 31, 2019	158,794	667	2,317	161,778
December 31, 2020	150,599	716	2,053	153,368
<b>Proved undeveloped reserves:</b>				
December 31, 2017	29,559	39	353	29,951
December 31, 2018	33,796	60	631	34,487
December 31, 2019	23,569	90	660	24,319
December 31, 2020	15,141	126	320	15,587
<b>Total proved reserves:</b>				
Balance December 31, 2017	200,564	724	2,378	203,666
Extensions, discoveries and other additions	60,990	144	1,444	62,578
Purchases of minerals in-place	40	—	—	40
Revisions of previous estimates	(9,250)	31	(819)	(10,038)
Production	(28,969)	(337)	(434)	(31,740)
Sales of minerals in-place	(5)	—	—	(5)
Balance December 31, 2018	231,370	562	2,569	234,501
Extensions, discoveries and other additions	41,343	27	697	42,067
Revisions of previous estimates	(32,569)	508	345	(31,716)
Production	(24,959)	(340)	(614)	(25,913)
Sales of minerals in-place	(32,822)	—	—	(32,822)
Balance December 31, 2019	182,363	757	2,977	186,097
Extensions, discoveries and other additions	11,435	97	312	11,844
Revisions of previous estimates	(469)	264	(207)	(412)
Production	(27,133)	(276)	(709)	(28,118)
Sales of minerals in-place	(456)	—	—	(456)
Balance December 31, 2020	165,788	842	2,273	168,903

(1) Includes proved reserves of 281 MMbbls, 252 MMbbls, 187 MMbbls, and 241 MMbbls as of December 31, 2017, 2018, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

Natural Gas				
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
(Millions of cubic feet)				
<b>Proved developed reserves:</b>				
December 31, 2017	1,347,009	540,667	83,342	1,971,018
December 31, 2018	1,626,403	476,132	95,347	2,197,882
December 31, 2019	945,938	433,382	106,329	1,485,649
December 31, 2020	1,052,756	409,035	68,139	1,529,930
<b>Proved undeveloped reserves:</b>				
December 31, 2017	297,226	47,255	11,063	355,544
December 31, 2018	267,090	33,006	15,804	315,900
December 31, 2019	115,040	24,704	16,604	156,348
December 31, 2020	76,504	12,572	8,341	97,417
<b>Total proved reserves:</b>				
Balance December 31, 2017	1,644,235	587,922	94,405	2,326,562
Extensions, discoveries and other additions	704,135	79,394	55,274	838,803
Purchases of minerals in-place	906	—	—	906
Revisions of previous estimates	(239,204)	(38,892)	(21,933)	(300,029)
Production	(216,530)	(119,286)	(46,595)	(382,411)
Sales of minerals in-place	(41)	—	—	(41)
Balance December 31, 2018	1,893,493	509,138	111,151	2,513,782
Extensions, discoveries and other additions	249,205	34,758	27,711	311,674
Revisions of previous estimates	(599,753)	18,570	4,015	(487,168)
Production	(233,447)	(104,380)	(19,944)	(357,771)
Sales of minerals in-place	(338,520)	—	—	(338,520)
Balance December 31, 2019	1,060,978	438,086	122,933	1,621,997
Extensions, discoveries and other additions	60,965	83,718	8,140	152,823
Revisions of previous estimates	215,166	(19,849)	(33,541)	161,776
Production	(205,594)	(100,348)	(21,032)	(326,974)
Sales of minerals in-place	(2,255)	—	—	(2,255)
Balance December 31, 2020	1,129,260	421,607	76,500	1,627,367

(1) Includes proved reserves of 141 Bcf, 153 Bcf, 170 Bcf, and 196 Bcf as of December 31, 2020, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

Total Equivalent Reserves				
	United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>
(Thousands barrels of oil equivalent)				
<b>Proved developed reserves:</b>				
December 31, 2017	699,786	215,364	108,513	1,023,663
December 31, 2018	769,125	189,871	122,320	1,081,316
December 31, 2019	594,595	176,470	121,751	892,816
December 31, 2020	532,994	164,870	99,979	797,843
<b>Proved undeveloped reserves:</b>				
December 31, 2017	111,001	24,112	16,210	151,323
December 31, 2018	123,493	15,045	14,543	153,081
December 31, 2019	89,458	15,038	13,476	117,972
December 31, 2020	53,408	13,449	8,983	75,840
<b>Total proved reserves:</b>				
Balance December 31, 2017	810,787	239,476	124,723	1,174,986
Extensions, discoveries and other additions	240,322	35,849	26,338	302,509
Purchases of minerals in-place	331	—	—	331
Revisions of previous estimates	(63,451)	(16,007)	6,139	(73,319)
Production	(95,312)	(54,402)	(20,337)	(170,051)
Sales of minerals in-place	(59)	—	—	(59)
Balance December 31, 2018	892,618	204,916	136,863	1,234,397
Extensions, discoveries and other additions	135,174	26,859	14,333	176,366
Revisions of previous estimates	(133,974)	8,355	6,146	(119,473)
Production	(102,211)	(48,622)	(22,115)	(172,948)
Sales of minerals in-place	(107,554)	—	—	(107,554)
Balance December 31, 2019	684,053	191,508	135,227	1,010,788
Extensions, discoveries and other additions	39,454	31,905	6,944	78,303
Revisions of previous estimates	(33,854)	(502)	(10,554)	(44,910)
Production	(93,698)	(44,592)	(22,655)	(160,945)
Sales of minerals in-place	(9,533)	—	—	(9,533)
Balance December 31, 2020	586,402	178,319	108,962	873,683

(1) Includes include total proved reserves of 59 MMboe, 64 MMboe, 68 MMboe, and 80 MMboe as of December 31, 2020, 2019, 2018, and 2017, respectively, attributable to a noncontrolling interest in Egypt.

sr\_scheduleOfProvedDevelopedAndUndevelopedOilAndGasReserveQuantitiesTextBlock

sr\_ nonnum:textBlockItem type na duration



Unaudited Information of Future Net Cash Flows For Oil and Gas Reserves, Net of Income Tax Expense						<p>The following table sets forth unaudited information concerning future net cash flows for proved oil and gas reserves, net of income tax expense. Income tax expense has been computed using expected future tax rates and giving effect to tax deductions and credits available, under current laws, and which relate to oil and gas producing activities. This information does not purport to present the fair market value of the Company's oil and gas assets, but does present a standardized disclosure concerning possible future net cash flows that would result under the assumptions used.</p> <table><tr><th></th><th>United States</th><th>Egypt<sup>(1)</sup></th><th>North Sea</th><th>Total<sup>(1)</sup></th></tr><tr><th></th><th colspan="4">(In millions)</th></tr><tr><td><b>2020</b></td><td></td><td></td><td></td><td></td></tr><tr><td>Cash inflows</td><td>\$ 12,537</td><td>\$ 5,560</td><td>\$ 4,122</td><td>\$ 22,219</td></tr><tr><td>Production costs</td><td>(6,244)</td><td>(1,704)</td><td>(2,388)</td><td>(10,336)</td></tr><tr><td>Development costs</td><td>(1,555)</td><td>(633)</td><td>(2,448)</td><td>(4,636)</td></tr><tr><td>Income tax expense</td><td>—</td><td>(1,096)</td><td>316</td><td>(780)</td></tr><tr><td>Net cash flows</td><td>4,738</td><td>2,127</td><td>(398)</td><td>6,467</td></tr><tr><td>10 percent discount rate</td><td>(1,829)</td><td>(437)</td><td>1,111</td><td>(1,155)</td></tr><tr><td>Discounted future net cash flows<sup>(2)</sup></td><td>\$ 2,909</td><td>\$ 1,690</td><td>\$ 713</td><td>\$ 5,312</td></tr><tr><td><b>2019</b></td><td></td><td></td><td></td><td></td></tr><tr><td>Cash inflows</td><td>\$ 21,694</td><td>\$ 8,306</td><td>\$ 7,454</td><td>\$ 37,454</td></tr><tr><td>Production costs</td><td>(10,642)</td><td>(1,847)</td><td>(2,730)</td><td>(15,219)</td></tr><tr><td>Development costs</td><td>(1,740)</td><td>(707)</td><td>(2,651)</td><td>(5,098)</td></tr><tr><td>Income tax expense</td><td>(27)</td><td>(1,930)</td><td>(784)</td><td>(2,741)</td></tr><tr><td>Net cash flows</td><td>9,285</td><td>3,822</td><td>1,289</td><td>14,396</td></tr><tr><td>10 percent discount rate</td><td>(4,003)</td><td>(808)</td><td>297</td><td>(4,514)</td></tr><tr><td>Discounted future net cash flows<sup>(2)</sup></td><td>\$ 5,282</td><td>\$ 3,014</td><td>\$ 1,586</td><td>\$ 9,882</td></tr><tr><td><b>2018</b></td><td></td><td></td><td></td><td></td></tr><tr><td>Cash inflows</td><td>\$ 29,906</td><td>\$ 9,866</td><td>\$ 9,206</td><td>\$ 48,978</td></tr><tr><td>Production costs</td><td>(13,699)</td><td>(1,799)</td><td>(2,588)</td><td>(18,086)</td></tr><tr><td>Development costs</td><td>(2,150)</td><td>(792)</td><td>(2,714)</td><td>(5,656)</td></tr><tr><td>Income tax expense</td><td>(19)</td><td>(2,455)</td><td>(1,352)</td><td>(3,826)</td></tr><tr><td>Net cash flows</td><td>14,038</td><td>4,820</td><td>2,552</td><td>21,410</td></tr><tr><td>10 percent discount rate</td><td>(6,516)</td><td>(1,066)</td><td>(107)</td><td>(7,689)</td></tr><tr><td>Discounted future net cash flows<sup>(2)</sup></td><td>\$ 7,522</td><td>\$ 3,754</td><td>\$ 2,445</td><td>\$ 13,721</td></tr></table> <p>(1) Includes discounted future net cash flows of approximately \$563 million, \$1.0 billion, and \$1.3 billion as of December 31, 2020, 2019, and 2018, respectively, attributable to a noncontrolling interest in Egypt.</p> <p>(2) Estimated future net cash flows before income tax expense, discounted at 10 percent per annum, totaled approximately \$7.1 billion, \$12.4 billion, and \$16.9 billion as of December 31, 2020, 2019, and 2018, respectively.</p>		United States	Egypt <sup>(1)</sup>	North Sea	Total <sup>(1)</sup>		(In millions)				<b>2020</b>					Cash inflows	\$ 12,537	\$ 5,560	\$ 4,122	\$ 22,219	Production costs	(6,244)	(1,704)	(2,388)	(10,336)	Development costs	(1,555)	(633)	(2,448)	(4,636)	Income tax expense	—	(1,096)	316	(780)	Net cash flows	4,738	2,127	(398)	6,467	10 percent discount rate	(1,829)	(437)	1,111	(1,155)	Discounted future net cash flows <sup>(2)</sup>	\$ 2,909	\$ 1,690	\$ 713	\$ 5,312	<b>2019</b>					Cash inflows	\$ 21,694	\$ 8,306	\$ 7,454	\$ 37,454	Production costs	(10,642)	(1,847)	(2,730)	(15,219)	Development costs	(1,740)	(707)	(2,651)	(5,098)	Income tax expense	(27)	(1,930)	(784)	(2,741)	Net cash flows	9,285	3,822	1,289	14,396	10 percent discount rate	(4,003)	(808)	297	(4,514)	Discounted future net cash flows <sup>(2)</sup>	\$ 5,282	\$ 3,014	\$ 1,586	\$ 9,882	<b>2018</b>					Cash inflows	\$ 29,906	\$ 9,866	\$ 9,206	\$ 48,978	Production costs	(13,699)	(1,799)	(2,588)	(18,086)	Development costs	(2,150)	(792)	(2,714)	(5,656)	Income tax expense	(19)	(2,455)	(1,352)	(3,826)	Net cash flows	14,038	4,820	2,552	21,410	10 percent discount rate	(6,516)	(1,066)	(107)	(7,689)	Discounted future net cash flows <sup>(2)</sup>	\$ 7,522	\$ 3,754	\$ 2,445	\$ 13,721
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Principal Sources of Change In Discounted Future Net Cash Flows						<p>The following table sets forth the principal sources of change in the discounted future net cash flows:</p> <table><tr><th></th><th colspan="3">For the Year Ended December 31,</th></tr><tr><th></th><th>2020</th><th>2019</th><th>2018</th></tr><tr><th></th><th colspan="3">(In millions)</th></tr><tr><td>Sales, net of production costs</td><td>\$ (2,422)</td><td>\$ (4,291)</td><td>\$ (5,335)</td></tr><tr><td>Net change in prices and production costs</td><td>(5,753)</td><td>(3,034)</td><td>3,902</td></tr><tr><td>Discoveries and improved recovery, net of related costs</td><td>751</td><td>2,042</td><td>3,889</td></tr><tr><td>Change in future development costs</td><td>20</td><td>(75)</td><td>47</td></tr><tr><td>Previously estimated development costs incurred during the period</td><td>576</td><td>983</td><td>910</td></tr><tr><td>Revisions of quantities</td><td>(418)</td><td>(741)</td><td>(648)</td></tr><tr><td>Purchases of minerals in-place</td><td>—</td><td>—</td><td>6</td></tr><tr><td>Accretion of discount</td><td>1,236</td><td>1,693</td><td>1,216</td></tr><tr><td>Change in income taxes</td><td>1,533</td><td>720</td><td>(1,125)</td></tr><tr><td>Sales of minerals in-place</td><td>(104)</td><td>(817)</td><td>(1)</td></tr><tr><td>Change in production rates and other</td><td>11</td><td>(319)</td><td>777</td></tr><tr><td></td><td>\$ (4,570)</td><td>\$ (3,839)</td><td>\$ 3,638</td></tr></table>		For the Year Ended December 31,				2020	2019	2018		(In millions)			Sales, net of production costs	\$ (2,422)	\$ (4,291)	\$ (5,335)	Net change in prices and production costs	(5,753)	(3,034)	3,902	Discoveries and improved recovery, net of related costs	751	2,042	3,889	Change in future development costs	20	(75)	47	Previously estimated development costs incurred during the period	576	983	910	Revisions of quantities	(418)	(741)	(648)	Purchases of minerals in-place	—	—	6	Accretion of discount	1,236	1,693	1,216	Change in income taxes	1,533	720	(1,125)	Sales of minerals in-place	(104)	(817)	(1)	Change in production rates and other	11	(319)	777		\$ (4,570)	\$ (3,839)	\$ 3,638																																																																						
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## Cover - NATURE OF OPERATIONS (Details)

NATURE OF OPERATIONS (Details)	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 Area
<b>Organization, Consolidation and Presentation of Financial Statements [Abstract]</b>	us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract	us- gaap_	xbri:stringItemType	na	duration	
Number of geographical areas	apa_NumberofGeographicalAreas	apa_	xbri:integerItemType	na	duration	3

+ References + Details

## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Additional Information (Details)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Additional Information (Details) - USD (\$)	XBRL Details					3 Months Ended			12 Months Ended			Nov. 30, 2018
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Mar. 31, 2020	Dec. 31, 2019	Sep. 30, 2019	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Asset impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbri:monetaryItemType	debit	duration		\$ 1,400,000,000		\$ 4,501,000,000	\$ 2,949,000,000	\$ 511,000,000	
Goodwill impairment	us-gaap_GoodwillImpairmentLoss	us-gaap_	xbri:monetaryItemType	debit	duration				87,000,000	0	0	
Impairment for early termination of drilling rig leases	us-gaap_GainLossOnTerminationOfLease	us-gaap_	xbri:monetaryItemType	credit	duration	\$ 13,000,000						
Inventory write-downs	us-gaap_InventoryWriteDown	us-gaap_	xbri:monetaryItemType	debit	duration	5,000,000					4,000,000	
Other asset impairments	us-gaap_OtherAssetImpairmentCharges	us-gaap_	xbri:monetaryItemType	debit	duration	9,000,000						
Capitalized exploratory well costs, impairment	us-gaap_DisposalGroupNotDiscontinuedOperationLossGainOnWriteDown	us-gaap_	xbri:monetaryItemType	debit	duration						10,000,000	
Equity method investment	us-gaap_EquityMethodInvestmentOtherThanTemporaryImpairment	us-gaap_	xbri:monetaryItemType	debit	duration			0	0		113,000,000	
Cash and cash equivalent	us-gaap_CashAndCashEquivalentsAtCarryingValue	us-gaap_	xbri:monetaryItemType	debit	instant	247,000,000			262,000,000	247,000,000		
Restricted cash	us-gaap_RestrictedCash	us-gaap_	xbri:monetaryItemType	debit	instant	0			0	0		
Oil and gas property impaired, fair value	apa_OilAndGasPropertyImpairedFairValueDisclosure	apa_	xbri:monetaryItemType	debit	instant	628,000,000			1,900,000,000	628,000,000		
Divested unproved properties and leasehold	us-gaap_ImpairmentOfLeasehold	us-gaap_	xbri:monetaryItemType	debit	duration				0	149,000,000	10,000,000	
Gathering, processing, and transmission facilities (\$206 and \$203 related to Altus VIE)	apa_GatheringProcessingAndTransmissionFacilitiesNoncurrent	apa_	xbri:monetaryItemType	debit	instant	799,000,000			670,000,000	799,000,000		
Other property and equipment	us-gaap_PropertyPlantAndEquipmentOther	us-gaap_	xbri:monetaryItemType	debit	instant	1,140,000,000			\$ 1,140,000,000	1,140,000,000		
Percentage of production available to recover these operating and capital costs over contractually defined periods (up to)	apa_PercentageOfProductionAvailableToRecoverOperatingAndCapitalCostsOverContractuallyDefinedPeriod	apa_	num:percentItemType	na	instant				40.00%			
Receivables from contracts with customers, net of allowance for doubtful accounts	us-gaap_ContractWithCustomerAssetNet	us-gaap_	xbri:monetaryItemType	debit	instant	945,000,000			\$ 670,000,000	945,000,000		
Restructuring cumulative cost incurred to date	us-gaap_RestructuringAndRelatedCostCostIncurredToDate1	us-gaap_	xbri:monetaryItemType	debit	instant				79,000,000			
Transaction, reorganization, and separation	us-gaap_RestructuringCharges	us-gaap_	xbri:monetaryItemType	debit	duration				54,000,000	50,000,000	28,000,000	
Egypt	us-gaap_ReportingUnitAxis=country_EG		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Goodwill impairment	us-gaap_GoodwillImpairmentLoss	us-gaap_	xbri:monetaryItemType	debit	duration	87,000,000			87,000,000	0	0	
Employee Severance	us-gaap_RestructuringCostAndReserveAxis=us-gaap_EmployeeSeveranceMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Transaction, reorganization, and separation	us-gaap_RestructuringCharges	us-gaap_	xbri:monetaryItemType	debit	duration				51,000,000	26,000,000	6,000,000	
Consulting and Legal Fees	us-gaap_RestructuringCostAndReserveAxis=apa_ConsultingAndLegalFeesMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Transaction, reorganization, and separation	us-gaap_RestructuringCharges	us-gaap_	xbri:monetaryItemType	debit	duration				2,000,000	2,000,000	22,000,000	
Office closure	us-gaap_RestructuringCostAndReserveAxis=us-gaap_FacilityClosingMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Transaction, reorganization, and separation	us-gaap_RestructuringCharges	us-gaap_	xbri:monetaryItemType	debit	duration				1,000,000			
Employee Termination and Office Closures	us-gaap_RestructuringCostAndReserveAxis=apa_EmployeeTerminationandOfficeClosuresMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Transaction, reorganization, and separation	us-gaap_RestructuringCharges	us-gaap_	xbri:monetaryItemType	debit	duration					15,000,000		
Other restructuring	us-gaap_RestructuringCostAndReserveAxis=us-gaap_OtherRestructuringMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Transaction, reorganization, and separation	us-gaap_RestructuringCharges	us-gaap_	xbri:monetaryItemType	debit	duration					7,000,000		
Oil and gas, purchased	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbri:monetaryItemType	credit	duration				398,000,000	176,000,000	357,000,000	
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbri:monetaryItemType	debit	duration				357,000,000	142,000,000	340,000,000	
Oil and gas, purchased   Revision of Prior Period, Reclassification, Adjustment	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbri:monetaryItemType	credit	duration					176,000,000	357,000,000	
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbri:monetaryItemType	debit	duration					142,000,000	340,000,000	
Alpine High Play	srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=apa_AlpineHighPlayMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Oil and gas property impaired, fair value	apa_OilAndGasPropertyImpairedFairValueDisclosure	apa_	xbri:monetaryItemType	debit	instant	203,000,000				203,000,000		
Oklahoma And Texas   Disposal Group, Disposed of by Sale, Not Discontinued Operations	srt_StatementGeographicalAxis=apa_OklahomaAndTexasMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration			\$ 240,000,000		255,000,000		
(Loss) gain on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration			\$ (7,000,000)				
Oil and gas proved property	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration				\$ 4,319,000,000	1,484,000,000	328,000,000	
Oil and gas proved property   Significant Unobservable Inputs (Level 3)   Measurement Input, Discount Rate	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Oil and gas properties, measurement inputs	apa_OilAndGasPropertiesMeasurementInputs	apa_	num:percentItemType	na	instant				10.00%			
Oil and gas proved property   United States	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na									
<b>Schedule Of Significant Accounting Policies (Line Items)</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration							
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration	3,900,000,000			\$ 3,938,000,000	1,484,000,000	265,000,000	
Oil and gas proved property   Egypt	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na									

<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration	354,000,000			374,000,000	0		63,000,000							
Oil and gas proved property   North Sea	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration	7,000,000			7,000,000	0		0							
Oil and gas proved property   Oklahoma And Texas   Disposal Group, Disposed of by Sale, Not Discontinued Operations	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration						101,000,000								
Gathering, processing, and transmission facilities	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_GPTFacilitiesMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration							56,000,000							
Oil and gas property impaired, fair value	apa_OilAndGasPropertyImpairedFairValueDisclosure	apa_	xbri:monetaryItemType	debit	instant	46,000,000													
Gathering, processing, and transmission facilities (\$206 and \$203 related to Altus VIE)	apa_GatheringProcessingAndTransmissionFacilitiesNoncurrent	apa_	xbri:monetaryItemType	debit	instant	799,000,000			670,000,000	799,000,000									
Accumulated depreciation	us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment	us-gaap_	xbri:monetaryItemType	credit	instant	310,000,000			323,000,000	310,000,000									
(Loss) gain on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration					0		0							
Gathering, processing, and transmission facilities   Egypt	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_GPTFacilitiesMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 68,000,000													
Oil And Gas Properties, Unproved	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesUnprovedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration				101,000,000	768,000,000	224,000,000								
Oil And Gas Properties, Unproved   United States	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesUnprovedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration				92,000,000	760,000,000	96,000,000								
Oil And Gas Properties, Unproved   Egypt	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesUnprovedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration				8,000,000	8,000,000	0								
Oil And Gas Properties, Unproved   North Sea	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesUnprovedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration				1,000,000	0	128,000,000								
Divested unproved properties and leasehold	us-gaap_ImpairmentOfLeasehold	us-gaap_	xbri:monetaryItemType	debit	duration						\$ 10,000,000								
Oil And Gas Properties, Unproved   Oklahoma And Texas	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesUnprovedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Divested unproved properties and leasehold	us-gaap_ImpairmentOfLeasehold	us-gaap_	xbri:monetaryItemType	debit	duration					149,000,000									
Oil And Gas Properties, Unproved   Oklahoma And Texas   Disposal Group, Disposed of by Sale, Not Discontinued Operations	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesUnprovedMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration					149,000,000									
Other Working Capital   Oklahoma And Texas   Disposal Group, Disposed of by Sale, Not Discontinued Operations	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OtherWorkingCapitalMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration					5,000,000									
Power Generators	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_PowerGeneratorsMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
(Loss) gain on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration				(2,000,000)										
Other Property and Equipment	us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_PropertyPlantAndEquipmentOtherTypesMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Accumulated depreciation	us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment	us-gaap_	xbri:monetaryItemType	credit	instant	817,000,000			\$ 864,000,000	817,000,000									
Other Property and Equipment   Minimum	us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_PropertyPlantAndEquipmentOtherTypesMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Useful lives of gas gathering, transmission and processing facilities	us-gaap_PropertyPlantAndEquipmentUsefulLife	us-gaap_	xbri:durationItemType	na	duration				3 years										
Other Property and Equipment   Maximum	us-gaap_PropertyPlantAndEquipmentByTypeAxis=us-gaap_PropertyPlantAndEquipmentOtherTypesMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Useful lives of gas gathering, transmission and processing facilities	us-gaap_PropertyPlantAndEquipmentUsefulLife	us-gaap_	xbri:durationItemType	na	duration				20 years										
ALTM	del_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Cash and cash equivalent	us-gaap_CashAndCashEquivalentsAtCarryingValue	us-gaap_	xbri:monetaryItemType	debit	instant	6,000,000			\$ 24,000,000	\$ 6,000,000									
ALTM   Gathering, processing, and transmission facilities	del_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 1,300,000,000													
Apache Egypt   Sinopec	srt_OwnershipAxis=apa_ApacheEgyptMember		na																
<b>Schedule OF Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbri:stringItemType	na	duration														

Ownership percentage by noncontrolling owners	us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners	us-gaap_	num:percentItemType	na	instant						33.33%									
ALTM   Third-party investors	srt_OwnershipAxis=apa_AltusMidstreamCompanyMember		na																	
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbnli:stringItemType	na	duration															
Ownership percentage by noncontrolling owners	us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners	us-gaap_	num:percentItemType	na	instant						21.00%									21.00%

↑ References ↑ Details

## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Asset Impairments Recorded in Connection with Fair Value Assessments (Details)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Asset Impairments Recorded in Connection with Fair Value Assessments (Details) - USD (\$) \$ in Millions	XBRL Details					3 Months Ended	9 Months Ended	12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2019	Dec. 31, 2020	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Schedule Of Significant Accounting Policies [Line Items]	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrii:stringItemType	na	duration					
Equity method investment	us-gaap_EquityMethodInvestmentOtherThanTemporaryImpairment	us-gaap_	xbrii:monetaryItemType debit		duration			\$ 0	\$ 0	\$ 113
Divested unproved properties and leasehold	us-gaap_ImpairmentOfLeasehold	us-gaap_	xbrii:monetaryItemType debit		duration			0	149	10
Goodwill	us-gaap_GoodwillImpairmentLoss	us-gaap_	xbrii:monetaryItemType debit		duration			87	0	0
Inventory and other	apa_InventoryAndOtherImpairments	apa_	xbrii:monetaryItemType debit		duration			27	21	4
Impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbrii:monetaryItemType debit		duration	\$ 1,400		4,501	2,949	511
Oil and gas proved property	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na							
Schedule Of Significant Accounting Policies [Line Items]	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrii:stringItemType	na	duration					
Tangible Asset Impairment Charges	us-gaap_TangibleAssetImpairmentCharges	us-gaap_	xbrii:monetaryItemType debit		duration		\$ 20	4,319	1,484	328
Gathering, processing, and transmission facilities	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_GPTFacilitiesMember		na							
Schedule Of Significant Accounting Policies [Line Items]	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrii:stringItemType	na	duration					
Tangible Asset Impairment Charges	us-gaap_TangibleAssetImpairmentCharges	us-gaap_	xbrii:monetaryItemType debit		duration			\$ 68	\$ 1,295	\$ 56

+ References + Details

## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Allowance for Credit Loss Roll-forward (Details)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Allowance for Credit Loss Roll-forward (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Accounts Receivable, Allowance for Credit Loss [Roll Forward]</b>	us-gaap_AllowanceForDoubtfulAccountsReceivableRollforward	us-gaap_	xbri:stringItemType	na	duration			
Allowance for credit loss at beginning of year	us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 88	\$ 92	\$ 84
Accounts Receivable, Credit Loss Expense (Reversal)	us-gaap_ProvisionForDoubtfulAccounts	us-gaap_	xbri:monetaryItemType	debit	duration	7	3	9
Accounts Receivable, Allowance For Credit Loss, Write-offs, Net Of Recoveries	apa_AccountsReceivableAllowanceForCreditLossWriteOffsNetOfRecoveries	apa_	xbri:monetaryItemType	debit	duration	0	(7)	(1)
Allowance for credit loss at end of year	us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 95	\$ 88	\$ 92

+ References + Details



## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Non-Cash Impairments of Proved and Unproved Property and Equipment (Details)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Non-Cash Impairments of Proved and Unproved Property and Equipment (Details) - USD (\$) \$ in Millions	XBRL Details					3 Months Ended		12 Months Ended	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Mar. 31, 2020	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Oil and gas proved property	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesProvedMember		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration		\$ 4,319	\$ 1,484	\$ 328
Oil And Gas Properties, Unproved	us-gaap_PropertyPlantAndEquipmentByTypeAxis=apa_OilAndGasPropertiesUnprovedMember		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration		101	768	224
U.S.   Oil and gas proved property	srt_StatementGeographicalAxis=country_US		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration	\$ 3,900	3,938	1,484	265
U.S.   Oil And Gas Properties, Unproved	srt_StatementGeographicalAxis=country_US		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration		92	760	96
Egypt   Oil and gas proved property	srt_StatementGeographicalAxis=country_EG		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration	354	374	0	63
Egypt   Oil And Gas Properties, Unproved	srt_StatementGeographicalAxis=country_EG		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration		8	8	0
North Sea   Oil and gas proved property	srt_StatementGeographicalAxis=apa_NorthSeaMember		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration	\$ 7	7	0	0
North Sea   Oil And Gas Properties, Unproved	srt_StatementGeographicalAxis=apa_NorthSeaMember		na						
<b>Schedule Of Significant Accounting Policies [Line Items]</b>	apa_ScheduleOfSignificantAccountingPoliciesLineItems	apa_	xbrli:stringItemType	na	duration				
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration		\$ 1	\$ 0	\$ 128

+ References + Details

## Cover - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Changes to Goodwill (Details)

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Changes to Goodwill (Details) - USD (\$) \$ in Millions	XBRL Details					3 Months Ended	12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Mar. 31, 2020	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Goodwill [Roll Forward]</b>	us-gaap_GoodwillRollForward	us-gaap_	xbri:stringItemType	na	duration				
Goodwill, Beginning Balance	us-gaap_Goodwill	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 87	\$ 87	\$ 87	\$ 87
Impairments	us-gaap_GoodwillImpairmentLoss	us-gaap_	xbri:monetaryItemType	debit	duration		(87)	0	0
Goodwill, Ending Balance	us-gaap_Goodwill	us-gaap_	xbri:monetaryItemType	debit	instant		0	87	87
Egypt	us-gaap_ReportingUnitAxis=country_EG		na						
<b>Goodwill [Roll Forward]</b>	us-gaap_GoodwillRollForward	us-gaap_	xbri:stringItemType	na	duration				
Goodwill, Beginning Balance	us-gaap_Goodwill	us-gaap_	xbri:monetaryItemType	debit	instant	87	87	87	87
Impairments	us-gaap_GoodwillImpairmentLoss	us-gaap_	xbri:monetaryItemType	debit	duration	\$ (87)	(87)	0	0
Goodwill, Ending Balance	us-gaap_Goodwill	us-gaap_	xbri:monetaryItemType	debit	instant		\$ 0	\$ 87	\$ 87

+ References + Details

## Cover - ACQUISITIONS AND DIVESTITURES - 2020 Activity (Details)

ACQUISITIONS AND DIVESTITURES - 2020 Activity (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration			
Leasehold and property acquisitions amount	us-gaap_PaymentsToAcquireOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration	\$ 4	\$ 40	\$ 133
Proceeds from sale of oil and gas properties	us-gaap_ProceedsFromSaleOfOilAndGasPropertyAndEquipment	us-gaap_	xbri:monetaryItemType	debit	duration	166	718	138
Permian Region	srt_StatementGeographicalAxis=apa_PermianRegionMember		na					
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration			
Leasehold and property acquisitions amount	us-gaap_PaymentsToAcquireOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration	4	40	\$ 133
Permian Region   Disposal Group, Disposed of by Sale, Not Discontinued Operations	srt_StatementGeographicalAxis=apa_PermianRegionMember		na					
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration			
Proceeds from sale of oil and gas properties	us-gaap_ProceedsFromSaleOfOilAndGasPropertyAndEquipment	us-gaap_	xbri:monetaryItemType	debit	duration	87	73	
Gain (loss) on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration	\$ 13	\$ 33	

+ References + Details

## Cover - ACQUISITIONS AND DIVESTITURES - 2019 Activity (Details)

ACQUISITIONS AND DIVESTITURES - 2019 Activity (Details) \$ in Millions	XBRL Details						1 Months Ended	3 Months Ended			12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2019 USD (\$) equity_option		Mar. 31, 2020 USD (\$)	Sep. 30, 2019 USD (\$)	Jun. 30, 2019 USD (\$)	Dec. 31, 2019 USD (\$) equity_option	Dec. 31, 2019 USD (\$)	Dec. 31, 2018 USD (\$)
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbrli:stringItemType	na	duration								
Proceeds from sale of oil and gas properties	us-gaap_ProceedsFromSaleOfOilAndGasPropertyAndEquipment	us-gaap_	xbrli:monetaryItemType	debit	duration						\$ 166	\$ 718	\$ 138
Leasehold and property acquisitions amount	us-gaap_PaymentsToAcquireOilAndGasProperty	us-gaap_	xbrli:monetaryItemType	credit	duration					4	\$ 40		133
Number of joint venture equity options exercised   equity_option	apa_NumberOfJointVentureEquityOptionsExercised	apa_	xbrli:integerItemType	na	instant	4					4		
Number of joint venture equity options   equity_option	apa_NumberOfJointVentureEquityOptions	apa_	xbrli:integerItemType	na	instant	5					5		
OKLAHOMA	srt_StatementGeographicalAxis=stpr_OK		na										
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbrli:stringItemType	na	duration								
Gain (loss) on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbrli:monetaryItemType	credit	duration			\$ 19					
Permian Region	srt_StatementGeographicalAxis=apa_PermianRegionMember		na										
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbrli:stringItemType	na	duration								
Leasehold and property acquisitions amount	us-gaap_PaymentsToAcquireOilAndGasProperty	us-gaap_	xbrli:monetaryItemType	credit	duration					4	\$ 40		\$ 133
Block 58 Offshore Suriname	srt_OwnershipAxis=apa_Block58OffshoreSurinameMember		na										
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbrli:stringItemType	na	duration								
Ownership percentage by noncontrolling owners	us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners	us-gaap_	num:percentItemType	na	instant	50.00%					50.00%		
Proceeds received from joint venture	apa_ProceedsReceivedFromJointVenture	apa_	xbrli:monetaryItemType	debit	duration	\$ 100							
Proceeds from joint venture agreement, for reimbursement of cost incurred	apa_ProceedsReceivedFromJointVentureForReimbursementOfCostIncurred	apa_	xbrli:monetaryItemType	debit	duration	\$ 79							
Joint venture agreement, percentage of costs incurred for reimbursement	apa_JointVentureAgreementPercentageOfCostsIncurredForReimbursement	apa_	num:percentItemType	na	duration	50.00%							
Proceeds expected to receive from joint venture	apa_ProceedsExpectedToReceiveFromJointVenture	apa_	xbrli:monetaryItemType	debit	instant	\$ 5,000					\$ 5,000		
Carrying cash consideration	apa_JointVentureAgreementFutureConsiderationTermAppraisalAndDevelopmentCapitalCap	apa_	xbrli:monetaryItemType	credit	instant	\$ 7,500					\$ 7,500		
Percentage of consideration carried on appraisal and development capital	apa_JointVentureAgreementPercentageOfConsiderationCarriedOnAppraisalAndDevelopmentCapital	apa_	num:percentItemType	na	instant	25.00%					25.00%		
Additional cash payment to receive upon achieving first production	apa_JointVentureAgreementAdditionalCashPaymentToReceiveUponAchievingOfFirstProduction	apa_	xbrli:monetaryItemType	credit	duration	\$ 75							
Disposal Group, Disposed of by Sale, Not Discontinued Operations   Oklahoma And Texas	us-gaap_DisposalGroupClassificationAxis=us-gaap_DisposalGroupDisposedOfBySaleNotDiscontinuedOperationsMember		na										
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbrli:stringItemType	na	duration								
Proceeds from sale of oil and gas properties	us-gaap_ProceedsFromSaleOfOilAndGasPropertyAndEquipment	us-gaap_	xbrli:monetaryItemType	debit	duration			\$ 322					
Asset retirement obligation assumed	apa_DisposalGroupIncludingDiscontinuedOperationConsiderationAssetRetirementObligationAssumed	apa_	xbrli:monetaryItemType	credit	duration			49					
Asset impairments for property and equipment	us-gaap_ImpairmentOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration			240			\$ 255		
Gain (loss) on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbrli:monetaryItemType	credit	duration			\$ (7)					
Disposal Group, Disposed of by Sale, Not Discontinued Operations   OKLAHOMA	us-gaap_DisposalGroupClassificationAxis=us-gaap_DisposalGroupDisposedOfBySaleNotDiscontinuedOperationsMember		na										
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbrli:stringItemType	na	duration								
Proceeds from sale of oil and gas properties	us-gaap_ProceedsFromSaleOfOilAndGasPropertyAndEquipment	us-gaap_	xbrli:monetaryItemType	debit	duration			\$ 223					
Gain (loss) on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbrli:monetaryItemType	credit	duration				17				
Property and equipment, net	us-gaap_PropertyPlantAndEquipmentNet	us-gaap_	xbrli:monetaryItemType	debit	instant			\$ 206					
Disposal Group, Disposed of by Sale, Not Discontinued Operations   Permian Region	us-gaap_DisposalGroupClassificationAxis=us-gaap_DisposalGroupDisposedOfBySaleNotDiscontinuedOperationsMember		na										
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbrli:stringItemType	na	duration								
Proceeds from sale of oil and gas properties	us-gaap_ProceedsFromSaleOfOilAndGasPropertyAndEquipment	us-gaap_	xbrli:monetaryItemType	debit	duration					87	73		
Gain (loss) on sale of oil and gas properties	us-gaap_GainLossOnSaleOfOilAndGasProperty	us-gaap_	xbrli:monetaryItemType	credit	duration					\$ 13	\$ 33		

+ References + Details

## Cover - ACQUISITIONS AND DIVESTITURES - 2018 Activity (Details)

ACQUISITIONS AND DIVESTITURES - 2018 Activity (Details) - USD (\$) \$ in Millions	XBRL Details					1 Months Ended	12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Nov. 30, 2018	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration				
Leasehold and property acquisitions amount	us-gaap_PaymentsToAcquireOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration		\$ 4	\$ 40	\$ 133
North Sea and Premian Regions	srt_StatementGeographicalAxis=apa_NorthSeaAndPremianRegionsMember		na						
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration				
Proceeds from sale of certain non-core assets	us-gaap_ProceedsFromSaleOfPropertyPlantAndEquipment	us-gaap_	xbri:monetaryItemType	debit	duration				138
Gain on sale of non-core assets	us-gaap_GainLossOnSaleOfProperties	us-gaap_	xbri:monetaryItemType	credit	duration				23
Permian Region	srt_StatementGeographicalAxis=apa_PermianRegionMember		na						
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration				
Leasehold and property acquisitions amount	us-gaap_PaymentsToAcquireOilAndGasProperty	us-gaap_	xbri:monetaryItemType	credit	duration		4	40	\$ 133
Noncontrolling Interest, Altus	us-gaap_StatementEquityComponentsAxis=apa_NoncontrollingInterestALTMMember		na						
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration				
Noncontrolling interest	us-gaap_MinorityInterest	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 406	\$ 69	\$ 73	
ALTM	srt_OwnershipAxis=apa_AltusMidstreamCompanyMember		na						
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration				
Ownership percentage by parent	us-gaap_MinorityInterestOwnershipPercentageByParent	us-gaap_	num:percentItemType	na	instant	79.00%			
Altus Midstream LP   KAAC	dei_LegalEntityAxis=apa_AltusMidstreamLPMember		na						
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration				
Proceeds from contribution	us-gaap_ProceedsFromPartnershipContribution	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 628			
Assets contributed	us-gaap_BusinessCombinationRecognizedIdentifiableAssetsAcquiredAndLiabilitiesAssumedAssets	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 1,100			
Third-party investors   ALTM	dei_LegalEntityAxis=apa_ThirdPartyInvestorsMember		na						
<b>Business Acquisition [Line Items]</b>	us-gaap_BusinessAcquisitionLineItems	us-gaap_	xbri:stringItemType	na	duration				
Ownership percentage by noncontrolling owners	us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners	us-gaap_	num:percentItemType	na	instant	21.00%	21.00%		

+ References + Details

## Cover - CAPITALIZED EXPLORATORY WELL COSTS - Capitalized Exploratory Well Costs Rollforward (Details)

CAPITALIZED EXPLORATORY WELL COSTS - Capitalized Exploratory Well Costs Rollforward (Details) - USD (\$) \$ in Millions	XBRL Details						12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Increase (Decrease) in Capitalized Exploratory Well Costs that are Pending Determination of Proved Reserves [Roll Forward]	us-gaap_IncreaseDecreaseInCapitalizedExploratoryWellCostsThatArePendingDeterminationOfProvedReservesRollForward	us-gaap_	xbrii:stringItemType	na	duration				
Capitalized well costs at beginning of year	us-gaap_CapitalizedExploratoryWellCosts	us-gaap_	xbrii:monetaryItemType debit		instant	\$ 141	\$ 159	\$ 350	
Additions pending determination of proved reserves	us-gaap_CapitalizedExploratoryWellCostAdditionsPendingDeterminationOfProvedReserves	us-gaap_	xbrii:monetaryItemType debit		duration	226	286	602	
Divestitures and other	apa_CapitalizedExploratoryWellCostsDivestituresandOther	apa_	xbrii:monetaryItemType credit		duration	(38)	(100)	(82)	
Reclassifications to proved properties	us-gaap_ReclassificationToWellFacilitiesAndEquipmentBasedOnDeterminationOfProvedReserves	us-gaap_	xbrii:monetaryItemType credit		duration	(56)	(179)	(647)	
Charged to exploration expense	us-gaap_CapitalizedExploratoryWellCostChargedToExpense1	us-gaap_	xbrii:monetaryItemType debit		duration	(76)	(25)	(64)	
Capitalized well costs at end of year	us-gaap_CapitalizedExploratoryWellCosts	us-gaap_	xbrii:monetaryItemType debit		instant	\$ 197	\$ 141	\$ 159	

+ References + Details

## Cover - CAPITALIZED EXPLORATORY WELL COSTS - Aging of Suspended Well Balances (Details)

CAPITALIZED EXPLORATORY WELL COSTS - Aging of Suspended Well Balances (Details) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 USD (\$) Project	Dec. 31, 2019 USD (\$) Project	Dec. 31, 2018 USD (\$) Project	Dec. 31, 2017 USD (\$)
<b>Extractive Industries [Abstract]</b>	srt_ExtractiveIndustriesAbstract	srt_	xbri:stringItemType	na	duration				
Exploratory well costs capitalized for a period of one year or less	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodOfOneYearOrLess	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 184	\$ 108	\$ 126	
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbri:monetaryItemType	debit	instant	13	33	33	
Capitalized exploratory well costs	us-gaap_CapitalizedExploratoryWellCosts	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 197	\$ 141	\$ 159	\$ 350
Number of projects with exploratory well costs capitalized for a period greater than one year   Project	us-gaap_ProjectsThatHaveExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbri:integerItemType	na	instant	5	2	2	

+ Details



## Cover - CAPITALIZED EXPLORATORY WELL COSTS - Additional Information (Details)

CAPITALIZED EXPLORATORY WELL COSTS - Additional Information (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbri:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 13	\$ 33	\$ 33
Block 58 Offshore Suriname	srt_OwnershipAxis=apa_Block58OffshoreSurinameMember		na					
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbri:stringItemType	na	duration			
Ownership percentage by noncontrolling owners	us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners	us-gaap_	num:percentItemType	na	instant		50.00%	
SURINAME	srt_StatementGeographicalAxis=country_SR		na					
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbri:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbri:monetaryItemType	debit	instant			\$ 28

+ References + Details

## Cover - CAPITALIZED EXPLORATORY WELL COSTS - Aging by Geographic Area of Exploratory Well Costs Capitalized Greater than One Year (Details)

CAPITALIZED EXPLORATORY WELL COSTS - Aging by Geographic Area of Exploratory Well Costs Capitalized Greater than One Year (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 13	\$ 33	\$ 33
2019	us-gaap_AgingOfCapitalizedExploratoryWellCostsAxis=us-gaap_AgingOfCapitalizedExploratoryWellCostsPeriodOneMember	na						
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	4		
2018	us-gaap_AgingOfCapitalizedExploratoryWellCostsAxis=us-gaap_AgingOfCapitalizedExploratoryWellCostsPeriodTwoMember	na						
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	9		
2017 and Prior	us-gaap_AgingOfCapitalizedExploratoryWellCostsAxis=us-gaap_AgingOfCapitalizedExploratoryWellCostsPeriodThreeMember	na						
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	0		
Egypt	srt_StatementGeographicalAxis=country_EG	na						
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	13		
Egypt   2019	srt_StatementGeographicalAxis=country_EG	na						
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	4		
Egypt   2018	srt_StatementGeographicalAxis=country_EG	na						
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	9		
Egypt   2017 and Prior	srt_StatementGeographicalAxis=country_EG	na						
<b>Projects with Exploratory Well Costs Capitalized for More than One Year [Line Items]</b>	us-gaap_ProjectsWithExploratoryWellCostsCapitalizedForMoreThanOneYearLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Exploratory well costs capitalized for a period greater than one year	us-gaap_CapitalizedExploratoryWellCostsThatHaveBeenCapitalizedForPeriodGreaterThanOneYear	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 0		

+ References + Details

## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Additional Information (Details)

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Additional Information (Details)	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 Counterparty
<b>Derivative Instruments and Hedging Activities Disclosure [Abstract]</b>	us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration	
Number of derivative counterparties	apa_DerivativeNumberOfCounterparties	apa_	xbri:integerItemType	na	duration	6
Expected timing until exercise of exchange option	apa_EmbeddedDerivativeExpectedTimingUntilExerciseOfExchangeOption	apa_	xbri:durationItemType	na	duration	5 years 5 months 12 days

+ References + Details

## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Instruments (Details)

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Instruments (Details) - Natural Gas MMBTU in Thousands	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 \$ / MMBTU
Basis Swap Purchased   April to December 2021   NYMEX Henry Hub/IF Waha	us-gaap_DerivativeInstrumentRiskAxis=apa_BasisSwapPurchasedMember		na			
<b>Derivative Instruments and Hedging Activities Disclosures [Line Items]</b>	us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosuresLineItems	us-gaap_	xbri:stringItemType	na	duration	
Derivative, nonmonetary notional amount (in MMBtu)   MMBTU	us-gaap_DerivativeNonmonetaryNotionalAmountEnergyMeasure	us-gaap_	num:energyItemType	na	duration	37,580
Weighted average price differential   \$ / MMBTU	apa_DerivativeWeightedAveragePriceDifferential	apa_	xbri:decimalItemType	na	instant	(0.43)
Basis Swap Purchased   January to December 2022   NYMEX Henry Hub/IF Waha	us-gaap_DerivativeInstrumentRiskAxis=apa_BasisSwapPurchasedMember		na			
<b>Derivative Instruments and Hedging Activities Disclosures [Line Items]</b>	us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosuresLineItems	us-gaap_	xbri:stringItemType	na	duration	
Derivative, nonmonetary notional amount (in MMBtu)   MMBTU	us-gaap_DerivativeNonmonetaryNotionalAmountEnergyMeasure	us-gaap_	num:energyItemType	na	duration	43,800
Weighted average price differential   \$ / MMBTU	apa_DerivativeWeightedAveragePriceDifferential	apa_	xbri:decimalItemType	na	instant	(0.45)
Basis Swap Sold   April to December 2021   NYMEX Henry Hub/IF HSC	us-gaap_DerivativeInstrumentRiskAxis=apa_BasisSwapSoldMember		na			
<b>Derivative Instruments and Hedging Activities Disclosures [Line Items]</b>	us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosuresLineItems	us-gaap_	xbri:stringItemType	na	duration	
Derivative, nonmonetary notional amount (in MMBtu)   MMBTU	us-gaap_DerivativeNonmonetaryNotionalAmountEnergyMeasure	us-gaap_	num:energyItemType	na	duration	37,580
Weighted average price differential   \$ / MMBTU	apa_DerivativeWeightedAveragePriceDifferential	apa_	xbri:decimalItemType	na	instant	(0.07)
Basis Swap Sold   January to December 2022   NYMEX Henry Hub/IF HSC	us-gaap_DerivativeInstrumentRiskAxis=apa_BasisSwapSoldMember		na			
<b>Derivative Instruments and Hedging Activities Disclosures [Line Items]</b>	us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosuresLineItems	us-gaap_	xbri:stringItemType	na	duration	
Derivative, nonmonetary notional amount (in MMBtu)   MMBTU	us-gaap_DerivativeNonmonetaryNotionalAmountEnergyMeasure	us-gaap_	num:energyItemType	na	duration	43,800
Weighted average price differential   \$ / MMBTU	apa_DerivativeWeightedAveragePriceDifferential	apa_	xbri:decimalItemType	na	instant	(0.08)

+ References + Details

## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Assets and Liabilities Measured at Fair Value (Details)

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Assets and Liabilities Measured at Fair Value (Details) - Recurring - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
Commodity Derivative Instruments	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CommodityContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 11	
Derivative asset, netting	us-gaap_DerivativeAssetFairValueGrossLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	0	
Derivative asset	us-gaap_DerivativeAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	11	\$ 9
Derivative liability	us-gaap_DerivativeLiabilities	us-gaap_	xbrli:monetaryItemType	credit	instant	192	103
Commodity Derivative Instruments   Quoted Price in Active Markets (Level 1)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CommodityContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	0	
Commodity Derivative Instruments   Significant Other Inputs (Level 2)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CommodityContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	11	
Commodity Derivative Instruments   Significant Unobservable Inputs (Level 3)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CommodityContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	0	
Pipeline capacity embedded derivatives	us-gaap_DerivativeInstrumentRiskAxis=apa_PipelineCapacityEmbeddedDerivativeMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	8	
Derivative asset, netting	us-gaap_DerivativeAssetFairValueGrossLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	0	
Derivative asset	us-gaap_DerivativeAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	8	
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	53	
Derivative liability, netting	us-gaap_DerivativeLiabilityFairValueGrossAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	0	
Derivative liability	us-gaap_DerivativeLiabilities	us-gaap_	xbrli:monetaryItemType	credit	instant	53	
Pipeline capacity embedded derivatives   Quoted Price in Active Markets (Level 1)	us-gaap_DerivativeInstrumentRiskAxis=apa_PipelineCapacityEmbeddedDerivativeMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	0	
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	0	
Pipeline capacity embedded derivatives   Significant Other Inputs (Level 2)	us-gaap_DerivativeInstrumentRiskAxis=apa_PipelineCapacityEmbeddedDerivativeMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	8	
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	53	
Pipeline capacity embedded derivatives   Significant Unobservable Inputs (Level 3)	us-gaap_DerivativeInstrumentRiskAxis=apa_PipelineCapacityEmbeddedDerivativeMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	0	
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	0	
Preferred Units embedded derivative	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_EmbeddedDerivativeFinancialInstrumentsMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrli:stringItemType	na	duration		
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	139	103
Derivative liability, netting	us-gaap_DerivativeLiabilityFairValueGrossAsset	us-gaap_	xbrli:monetaryItemType	debit	instant	0	0
Derivative liability	us-gaap_DerivativeLiabilities	us-gaap_	xbrli:monetaryItemType	credit	instant	139	103
Preferred Units embedded derivative   Quoted Price in Active Markets (Level 1)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_EmbeddedDerivativeFinancialInstrumentsMember		na				

<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrii:stringItemType	na	duration		
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrii:monetaryItemType	credit	instant	0	0
Preferred Units embedded derivative   Significant Other Inputs (Level 2)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_EmbeddedDerivativeFinancialInstrumentsMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrii:stringItemType	na	duration		
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrii:monetaryItemType	credit	instant	0	0
Preferred Units embedded derivative   Significant Unobservable Inputs (Level 3)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_EmbeddedDerivativeFinancialInstrumentsMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrii:stringItemType	na	duration		
Derivative liability, fair value	us-gaap_DerivativeFairValueOfDerivativeLiability	us-gaap_	xbrii:monetaryItemType	credit	instant	\$ 139	103
Foreign currency derivative instruments	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrii:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrii:monetaryItemType	debit	instant		1
Derivative asset, netting	us-gaap_DerivativeAssetFairValueGrossLiability	us-gaap_	xbrii:monetaryItemType	credit	instant		0
Derivative asset	us-gaap_DerivativeAssets	us-gaap_	xbrii:monetaryItemType	debit	instant		1
Foreign currency derivative instruments   Quoted Price in Active Markets (Level 1)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrii:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrii:monetaryItemType	debit	instant		0
Foreign currency derivative instruments   Significant Other Inputs (Level 2)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrii:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrii:monetaryItemType	debit	instant		1
Foreign currency derivative instruments   Significant Unobservable Inputs (Level 3)	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeContractMember		na				
<b>Derivative [Line Items]</b>	us-gaap_DerivativeLineItems	us-gaap_	xbrii:stringItemType	na	duration		
Derivative asset, fair value	us-gaap_DerivativeFairValueOfDerivativeAsset	us-gaap_	xbrii:monetaryItemType	debit	instant		\$ 0

+ References + Details

## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Fair Value Measurement Inputs (Details)

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Fair Value Measurement Inputs (Details) - Significant Unobservable Inputs (Level 3)	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 \$ / MMBTU
Measurement Input, Risk Free Interest Rate   Minimum	us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member		na			
<b>Embedded Derivative [Line Items]</b>	us-gaap_EmbeddedDerivativeLineItems	us- gaap_	xbri:stringItemType	na	duration	
Preferred Units embedded derivative	us-gaap_EmbeddedDerivativeLiabilityMeasurementInput	us- gaap_	xbri:decimalItemType	na	instant	0.0732
Measurement Input, Risk Free Interest Rate   Maximum	us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member		na			
<b>Embedded Derivative [Line Items]</b>	us-gaap_EmbeddedDerivativeLineItems	us- gaap_	xbri:stringItemType	na	duration	
Preferred Units embedded derivative	us-gaap_EmbeddedDerivativeLiabilityMeasurementInput	us- gaap_	xbri:decimalItemType	na	instant	0.1173
Measurement Input Interest Rate Volatility	us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3Member		na			
<b>Embedded Derivative [Line Items]</b>	us-gaap_EmbeddedDerivativeLineItems	us- gaap_	xbri:stringItemType	na	duration	
Preferred Units embedded derivative	us-gaap_EmbeddedDerivativeLiabilityMeasurementInput	us- gaap_	xbri:decimalItemType	na	instant	0.3708

+ References + Details

## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Assets and Liabilities and Locations on Consolidated Balance Sheet (Details)

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Assets and Liabilities and Locations on Consolidated Balance Sheet (Details) - Recurring - Commodity Derivative Instruments - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Derivatives, Fair Value [Line Items]</b>	us-gaap_DerivativesFairValueLineItems	us-gaap_	xbri:stringItemType	na	duration		
Derivative asset	us-gaap_DerivativeAssets	us-gaap_	xbri:monetaryItemType debit	instant		\$ 11	\$ 9
Derivative liability	us-gaap_DerivativeLiabilities	us-gaap_	xbri:monetaryItemType credit	instant		192	103
Current Assets: Other current assets	us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMember		na				
<b>Derivatives, Fair Value [Line Items]</b>	us-gaap_DerivativesFairValueLineItems	us-gaap_	xbri:stringItemType	na	duration		
Derivative asset	us-gaap_DerivativeAssets	us-gaap_	xbri:monetaryItemType debit	instant		6	2
Noncurrent Assets: Deferred charges and other	us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMember		na				
<b>Derivatives, Fair Value [Line Items]</b>	us-gaap_DerivativesFairValueLineItems	us-gaap_	xbri:stringItemType	na	duration		
Derivative asset	us-gaap_DerivativeAssets	us-gaap_	xbri:monetaryItemType debit	instant		5	7
Deferred Credits and Other Noncurrent Liabilities: Other	us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMember		na				
<b>Derivatives, Fair Value [Line Items]</b>	us-gaap_DerivativesFairValueLineItems	us-gaap_	xbri:stringItemType	na	duration		
Derivative liability	us-gaap_DerivativeLiabilities	us-gaap_	xbri:monetaryItemType credit	instant		\$ 192	\$ 103

+ References + Details



## Cover - DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Activities Recorded in the Statement of Consolidated Operations (Details)

DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES - Derivative Activities Recorded in the Statement of Consolidated Operations (Details) - USD (\$) \$ in Millions	XBRL Details						12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Derivative Instruments, Gain (Loss) [Line Items]</b>	us-gaap_DerivativeInstrumentsGainLossLineItems	us-gaap_	xbri:stringItemType	na	duration				
Realized gain (loss), net	us-gaap_DerivativeGainLossOnDerivativeNet	us-gaap_	xbri:monetaryItemType	credit	duration	\$ (136)	\$ 9	\$ (120)	
Unrealized gain (loss), net	us-gaap_UnrealizedGainLossOnDerivatives	us-gaap_	xbri:monetaryItemType	credit	duration	(87)	(44)	103	
Derivative instrument losses, net	us-gaap_GainLossOnDerivativeInstrumentsNetPretax	us-gaap_	xbri:monetaryItemType	credit	duration	(223)	(35)	(17)	
Commodity Derivative Instruments	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_CommodityContractMember		na						
<b>Derivative Instruments, Gain (Loss) [Line Items]</b>	us-gaap_DerivativeInstrumentsGainLossLineItems	us-gaap_	xbri:stringItemType	na	duration				
Realized gain (loss), net	us-gaap_DerivativeGainLossOnDerivativeNet	us-gaap_	xbri:monetaryItemType	credit	duration	(135)	27	(81)	
Unrealized gain (loss), net	us-gaap_UnrealizedGainLossOnDerivatives	us-gaap_	xbri:monetaryItemType	credit	duration	11	(44)	103	
Amortization of put premium, realized loss	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_PutOptionMember		na						
<b>Derivative Instruments, Gain (Loss) [Line Items]</b>	us-gaap_DerivativeInstrumentsGainLossLineItems	us-gaap_	xbri:stringItemType	na	duration				
Realized gain (loss), net	us-gaap_DerivativeGainLossOnDerivativeNet	us-gaap_	xbri:monetaryItemType	credit	duration	0	0	(39)	
Foreign currency derivative instruments	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_ForeignExchangeContractMember		na						
<b>Derivative Instruments, Gain (Loss) [Line Items]</b>	us-gaap_DerivativeInstrumentsGainLossLineItems	us-gaap_	xbri:stringItemType	na	duration				
Realized gain (loss), net	us-gaap_DerivativeGainLossOnDerivativeNet	us-gaap_	xbri:monetaryItemType	credit	duration	(1)	0	0	
Unrealized gain (loss), net	us-gaap_UnrealizedGainLossOnDerivatives	us-gaap_	xbri:monetaryItemType	credit	duration	(1)	1	0	
Treasury-lock	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_TreasuryLockMember		na						
<b>Derivative Instruments, Gain (Loss) [Line Items]</b>	us-gaap_DerivativeInstrumentsGainLossLineItems	us-gaap_	xbri:stringItemType	na	duration				
Realized gain (loss), net	us-gaap_DerivativeGainLossOnDerivativeNet	us-gaap_	xbri:monetaryItemType	credit	duration	0	(18)	0	
Pipeline capacity embedded derivatives	us-gaap_DerivativeInstrumentRiskAxis=apa_PipelineCapacityEmbeddedDerivativeMember		na						
<b>Derivative Instruments, Gain (Loss) [Line Items]</b>	us-gaap_DerivativeInstrumentsGainLossLineItems	us-gaap_	xbri:stringItemType	na	duration				
Unrealized gain (loss), net	us-gaap_UnrealizedGainLossOnDerivatives	us-gaap_	xbri:monetaryItemType	credit	duration	(61)	8	0	
Preferred Units embedded derivative	us-gaap_DerivativeInstrumentRiskAxis=us-gaap_EmbeddedDerivativeFinancialInstrumentsMember		na						
<b>Derivative Instruments, Gain (Loss) [Line Items]</b>	us-gaap_DerivativeInstrumentsGainLossLineItems	us-gaap_	xbri:stringItemType	na	duration				
Unrealized gain (loss), net	us-gaap_UnrealizedGainLossOnDerivatives	us-gaap_	xbri:monetaryItemType	credit	duration	\$ (36)	\$ (9)	\$ 0	

+ References + Details

## Cover - OTHER CURRENT ASSETS (Details)

OTHER CURRENT ASSETS (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
Deferred Costs, Capitalized, Prepaid, and Other Assets Disclosure [Abstract]	us-gaap_DeferredCostsCapitalizedPrepaidAndOtherAssetsDisclosureAbstract	us- gaap_	xbrli:stringItemType	na	duration		
Inventories	us-gaap_InventoryNet	us- gaap_	xbrli:monetaryItemType	debit	instant	\$ 492	\$ 502
Drilling advances	apa_DrillingAdvances	apa_	xbrli:monetaryItemType	debit	instant	113	92
Prepaid assets and other	us-gaap_PrepaidExpenseAndOtherAssetsCurrent	us- gaap_	xbrli:monetaryItemType	debit	instant	71	58
Total Other current assets	us-gaap_OtherAssetsCurrent	us- gaap_	xbrli:monetaryItemType	debit	instant	\$ 676	\$ 652

+ References + Details

## Cover - EQUITY METHOD INTERESTS - Summary of Investments (Details)

EQUITY METHOD INTERESTS - Summary of Investments (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration			
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 1,555	\$ 1,258	
Shin Oak Pipeline (Breviloba, LLC)	srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=apa_ShinOakPipelineBrevilobaLLCMember		na					
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration			
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant		493	
ALTM	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration			
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 1,555	1,258	\$ 91
ALTM   Gulf Coast Express Pipeline LLC	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration			
Interest	us-gaap_EquityMethodInvestmentOwnershipPercentage	us-gaap_	num:percentItemType	na	instant	16.00%		
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 284	291	91
ALTM   EPIC Crude Holdings, LP	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration			
Interest	us-gaap_EquityMethodInvestmentOwnershipPercentage	us-gaap_	num:percentItemType	na	instant	15.00%		
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 176	163	0
ALTM   Permian Highway Pipeline LLC	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration			
Interest	us-gaap_EquityMethodInvestmentOwnershipPercentage	us-gaap_	num:percentItemType	na	instant	26.70%		
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 615	311	0
ALTM   Shin Oak Pipeline (Breviloba, LLC)	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration			
Interest	us-gaap_EquityMethodInvestmentOwnershipPercentage	us-gaap_	num:percentItemType	na	instant	33.00%		
Equity method interests	us-gaap_EquityMethodInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 480	\$ 493	\$ 0

+ References + Details

## Cover - EQUITY METHOD INTERESTS - Additional Information (Details)

EQUITY METHOD INTERESTS - Additional Information (Details) - ALTM \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 USD (\$) entity	Dec. 31, 2019 USD (\$) entity
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbri:stringItemType	na	duration		
Number of long-haul pipeline entities   entity	apa_EquityMethodInvestmentNumberOfLongHaulPipelineEntities	apa_	xbri:integerItemType	na	instant	4	4
Difference between carrying amount and underlying equity amount   \$	us-gaap_EquityMethodInvestmentDifferenceBetweenCarryingAmountAndUnderlyingEquity	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 38	\$ 30

+ References + Details

## Cover - EQUITY METHOD INTERESTS - Rollforward Activity (Details)

EQUITY METHOD INTERESTS - Rollforward Activity (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Movement In Equity Method Interests [Roll Forward]</b>	apa_MovementInEquityMethodInterestsRollForward	apa_	xbrli:stringItemType	na	duration			
Equity method interest, beginning balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 1,258		
Acquisitions	us-gaap_PaymentsToAcquireEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration	0	\$ 671	\$ 91
Capital contributions	apa_EquityMethodInvestmentContribution	apa_	xbrli:monetaryItemType	credit	duration	327	501	0
Equity method interest, ending balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	1,555	1,258	
Shin Oak Pipeline (Breviloba, LLC)	srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=apa_ShinOakPipelineBrevilobaLLCMember		na					
<b>Movement In Equity Method Interests [Roll Forward]</b>	apa_MovementInEquityMethodInterestsRollForward	apa_	xbrli:stringItemType	na	duration			
Equity method interest, beginning balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	493		
Equity method interest, ending balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant		493	
ALTM	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Movement In Equity Method Interests [Roll Forward]</b>	apa_MovementInEquityMethodInterestsRollForward	apa_	xbrli:stringItemType	na	duration			
Equity method interest, beginning balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	1,258	91	
Acquisitions	us-gaap_PaymentsToAcquireEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration		671	
Capital contributions	apa_EquityMethodInvestmentContribution	apa_	xbrli:monetaryItemType	credit	duration	327	501	
Distributions	us-gaap_PaymentsOfDistributionsToAffiliates	us-gaap_	xbrli:monetaryItemType	credit	duration	(97)	(25)	
Capitalized interest	us-gaap_InterestCostsCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	8	2	
Equity income (loss), net	us-gaap_IncomeLossFromEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration	59	19	
Accumulated other comprehensive loss	apa_EquityMethodInvestmentAccumulatedOtherComprehensiveIncomeLoss	apa_	xbrli:monetaryItemType	credit	duration		(1)	
Equity method interest, ending balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	1,555	1,258	91
ALTM   Gulf Coast Express Pipeline LLC	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Movement In Equity Method Interests [Roll Forward]</b>	apa_MovementInEquityMethodInterestsRollForward	apa_	xbrli:stringItemType	na	duration			
Equity method interest, beginning balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	291	91	
Acquisitions	us-gaap_PaymentsToAcquireEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration		15	
Capital contributions	apa_EquityMethodInvestmentContribution	apa_	xbrli:monetaryItemType	credit	duration	2	184	
Distributions	us-gaap_PaymentsOfDistributionsToAffiliates	us-gaap_	xbrli:monetaryItemType	credit	duration	(51)	(16)	
Capitalized interest	us-gaap_InterestCostsCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	
Equity income (loss), net	us-gaap_IncomeLossFromEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration	42	17	
Accumulated other comprehensive loss	apa_EquityMethodInvestmentAccumulatedOtherComprehensiveIncomeLoss	apa_	xbrli:monetaryItemType	credit	duration		0	
Equity method interest, ending balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	284	291	91
ALTM   EPIC Crude Holdings, LP	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Movement In Equity Method Interests [Roll Forward]</b>	apa_MovementInEquityMethodInterestsRollForward	apa_	xbrli:stringItemType	na	duration			
Equity method interest, beginning balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	163	0	
Acquisitions	us-gaap_PaymentsToAcquireEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration		52	
Capital contributions	apa_EquityMethodInvestmentContribution	apa_	xbrli:monetaryItemType	credit	duration	29	123	
Distributions	us-gaap_PaymentsOfDistributionsToAffiliates	us-gaap_	xbrli:monetaryItemType	credit	duration	0		
Capitalized interest	us-gaap_InterestCostsCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	
Equity income (loss), net	us-gaap_IncomeLossFromEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration	(16)	(11)	
Accumulated other comprehensive loss	apa_EquityMethodInvestmentAccumulatedOtherComprehensiveIncomeLoss	apa_	xbrli:monetaryItemType	credit	duration		(1)	
Equity method interest, ending balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	176	163	0
ALTM   Permian Highway Pipeline LLC	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Movement In Equity Method Interests [Roll Forward]</b>	apa_MovementInEquityMethodInterestsRollForward	apa_	xbrli:stringItemType	na	duration			
Equity method interest, beginning balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	311	0	
Acquisitions	us-gaap_PaymentsToAcquireEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration		162	
Capital contributions	apa_EquityMethodInvestmentContribution	apa_	xbrli:monetaryItemType	credit	duration	296	147	
Distributions	us-gaap_PaymentsOfDistributionsToAffiliates	us-gaap_	xbrli:monetaryItemType	credit	duration	0		
Capitalized interest	us-gaap_InterestCostsCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	8	2	
Equity income (loss), net	us-gaap_IncomeLossFromEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration	0	0	
Accumulated other comprehensive loss	apa_EquityMethodInvestmentAccumulatedOtherComprehensiveIncomeLoss	apa_	xbrli:monetaryItemType	credit	duration		0	
Equity method interest, ending balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	615	311	0
ALTM   Shin Oak Pipeline (Breviloba, LLC)	dei_LegalEntityAxis=apa_AltusMidstreamCompanyMember		na					
<b>Movement In Equity Method Interests [Roll Forward]</b>	apa_MovementInEquityMethodInterestsRollForward	apa_	xbrli:stringItemType	na	duration			
Equity method interest, beginning balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	debit	instant	493	0	

Acquisitions	us-gaap_PaymentsToAcquireEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType credit	duration	442	
Capital contributions	apa_EquityMethodInvestmentContribution	apa_	xbrli:monetaryItemType credit	duration 0	47	
Distributions	us-gaap_PaymentsOfDistributionsToAffiliates	us-gaap_	xbrli:monetaryItemType credit	duration (46)	(9)	
Capitalized interest	us-gaap_InterestCostsCapitalized	us-gaap_	xbrli:monetaryItemType debit	duration 0	0	
Equity income (loss), net	us-gaap_IncomeLossFromEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType credit	duration 33	13	
Accumulated other comprehensive loss	apa_EquityMethodInvestmentAccumulatedOtherComprehensiveIncomeLoss	apa_	xbrli:monetaryItemType credit	duration	0	
Equity method interest, ending balance	us-gaap_EquityMethodInvestments	us-gaap_	xbrli:monetaryItemType debit	instant	\$ 480 \$ 493 \$ 0	

+ References + Details

## Cover - EQUITY METHOD INTERESTS - Summary of Combined Statement of Operations Equity Method Interests (Details)

EQUITY METHOD INTERESTS - Summary of Combined Statement of Operations Equity Method Interests (Details) - USD (\$) \$ in Millions	XBRL Details	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	12 Months Ended		
							Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Schedule of Equity Method Investments [Line Items]	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems		us-gaap_	xbrii:stringItemType	na	duration			
Operating revenues	us-gaap_Revenues		us-gaap_	xbrii:monetaryItemType	credit	duration	\$ 4,308	\$ 6,553	\$ 7,764
Operating income (loss)	us-gaap_OperatingIncomeLoss		us-gaap_	xbrii:monetaryItemType	credit	duration	(4,102)	(2,152)	1,836
Net income (loss)	us-gaap_ProfitLoss		us-gaap_	xbrii:monetaryItemType	credit	duration	(4,904)	(3,682)	286
Other comprehensive loss	us-gaap_OtherComprehensiveIncomeLossNetOfTax		us-gaap_	xbrii:monetaryItemType	credit	duration	(2)	12	0
Equity Method Investment, Nonconsolidated Investee	us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeAxis=us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember			na					
Schedule of Equity Method Investments [Line Items]	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems		us-gaap_	xbrii:stringItemType	na	duration			
Operating revenues	us-gaap_Revenues		us-gaap_	xbrii:monetaryItemType	credit	duration	707	302	3
Operating income (loss)	us-gaap_OperatingIncomeLoss		us-gaap_	xbrii:monetaryItemType	credit	duration	331	121	(6)
Net income (loss)	us-gaap_ProfitLoss		us-gaap_	xbrii:monetaryItemType	credit	duration	256	120	(6)
Other comprehensive loss	us-gaap_OtherComprehensiveIncomeLossNetOfTax		us-gaap_	xbrii:monetaryItemType	credit	duration	\$ 3	\$ (8)	\$ 0

+ References + Details

## Cover - EQUITY METHOD INTERESTS - Summary of Combined Statement of Balance Sheet Equity Method Interests (Details)

EQUITY METHOD INTERESTS - Summary of Combined Statement of Balance Sheet Equity Method Interests (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2017
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Current assets	us-gaap_AssetsCurrent	us-gaap_	xbrli:monetaryItemType debit	instant		\$ 1,846	\$ 1,961		
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType debit	instant		12,746	18,107	\$ 21,582	
Current liabilities	us-gaap_LiabilitiesCurrent	us-gaap_	xbrli:monetaryItemType credit	instant		1,308	1,855		
Equity	us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbrli:monetaryItemType credit	instant		(645)	4,465	\$ 8,812	\$ 8,791
TOTAL LIABILITIES AND EQUITY	us-gaap_LiabilitiesAndStockholdersEquity	us-gaap_	xbrli:monetaryItemType credit	instant		12,746	18,107		
Equity Method Investment, Nonconsolidated Investee	us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeAxis=us-gaap_EquityMethodInvestmentNonconsolidatedInvesteeOrGroupOfInvesteesMember	us-gaap_	na						
<b>Schedule of Equity Method Investments [Line Items]</b>	us-gaap_ScheduleOfEquityMethodInvestmentsLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Current assets	us-gaap_AssetsCurrent	us-gaap_	xbrli:monetaryItemType debit	instant		260	441		
Noncurrent assets	us-gaap_AssetsNoncurrent	us-gaap_	xbrli:monetaryItemType debit	instant		7,678	6,435		
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType debit	instant		7,938	6,876		
Current liabilities	us-gaap_LiabilitiesCurrent	us-gaap_	xbrli:monetaryItemType credit	instant		206	478		
Noncurrent liabilities	us-gaap_LiabilitiesNoncurrent	us-gaap_	xbrli:monetaryItemType credit	instant		1,191	958		
Equity	us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest	us-gaap_	xbrli:monetaryItemType credit	instant		6,541	5,440		
TOTAL LIABILITIES AND EQUITY	us-gaap_LiabilitiesAndStockholdersEquity	us-gaap_	xbrli:monetaryItemType credit	instant		\$ 7,938	\$ 6,876		

+ References + Details



## Cover - OTHER CURRENT LIABILITIES (Details)

OTHER CURRENT LIABILITIES (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Payables and Accruals [Abstract]</b>	us-gaap_PayablesAndAccrualsAbstract	us-gaap_	xbri:stringItemType	na	duration		
Accrued operating expenses	apa_AccruedOperatingExpenses	apa_	xbri:monetaryItemType	credit	instant	\$ 91	\$ 143
Accrued exploration and development	apa_AccruedExplorationAndDevelopment	apa_	xbri:monetaryItemType	credit	instant	167	319
Accrued gathering, processing, and transmission - Altus	apa_AccruedGatheringTransmissionAndProcessing	apa_	xbri:monetaryItemType	credit	instant	0	17
Accrued compensation and benefits	us-gaap_EmployeeRelatedLiabilitiesCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	170	212
Accrued interest	us-gaap_InterestPayableCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	140	135
Accrued income taxes	us-gaap_AccruedIncomeTaxesCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	25	51
Current asset retirement obligation	us-gaap_AssetRetirementObligationCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	56	47
Current operating lease liability	us-gaap_OperatingLeaseLiabilityCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	116	169
Other	us-gaap_OtherSundryLiabilitiesCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	97	56
Total Other current liabilities	us-gaap_OtherLiabilitiesCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 862	\$ 1,149

+ References + Details

## Cover - ASSET RETIREMENT OBLIGATION - Schedule of changes to Asset Retirement Obligation (Details)

ASSET RETIREMENT OBLIGATION - Schedule of changes to Asset Retirement Obligation (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Asset Retirement Obligation, Roll Forward Analysis [Roll Forward]</b>	us-gaap_AssetRetirementObligationRollForwardAnalysisRollForward	us-gaap_	xbri:stringItemType	na	duration		
Asset retirement obligation at beginning of year	us-gaap_AssetRetirementObligation	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 1,858	\$ 1,932
Liabilities incurred	us-gaap_AssetRetirementObligationLiabilitiesIncurred	us-gaap_	xbri:monetaryItemType	credit	duration	10	41
Liabilities divested	apa_AssetRetirementObligationLiabilitiesDivested	apa_	xbri:monetaryItemType	debit	duration	(26)	(56)
Liabilities settled	us-gaap_AssetRetirementObligationLiabilitiesSettled	us-gaap_	xbri:monetaryItemType	debit	duration	(30)	(56)
Accretion expense	us-gaap_AccretionExpenseIncludingAssetRetirementObligations	us-gaap_	xbri:monetaryItemType	debit	duration	109	107
Revisions in estimated liabilities	us-gaap_AssetRetirementObligationRevisionOfEstimate	us-gaap_	xbri:monetaryItemType	credit	duration	23	(110)
Asset retirement obligation at end of year	us-gaap_AssetRetirementObligation	us-gaap_	xbri:monetaryItemType	credit	instant	1,944	1,858
Less current portion	us-gaap_AssetRetirementObligationCurrent	us-gaap_	xbri:monetaryItemType	credit	instant	(56)	(47)
Asset retirement obligation, long-term	us-gaap_AssetRetirementObligationsNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 1,888	\$ 1,811

+ References + Details

## Cover - ASSET RETIREMENT OBLIGATION - Additional Information (Details)

ASSET RETIREMENT OBLIGATION - Additional Information (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended	
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Asset Retirement Obligation Disclosure [Abstract]</b>	us-gaap_AssetRetirementObligationDisclosureAbstract	us-gaap_	xbrli:stringItemType	na	duration		
Additional abandonment liabilities associated with its drilling and development program	us-gaap_AssetRetirementObligationLiabilitiesIncurred	us-gaap_	xbrli:monetaryItemType	credit	duration	\$ 10	\$ 41
Revisions in estimated liabilities	us-gaap_AssetRetirementObligationRevisionOfEstimate	us-gaap_	xbrli:monetaryItemType	credit	duration	\$ (23)	\$ 110

+ Details

## Cover - DEBT AND FINANCING COSTS - Additional Information (Details)

DEBT AND FINANCING COSTS - Additional Information (Details)	XBRL Details		XBRL Profile	Data Type	Balance Type	Period Type	Aug. 14, 2020 USD (\$)	1 Months Ended			12 Months Ended				Aug. 17, 2020 USD (\$)	Mar. 26, 2020 GBP (£)	Dec. 31, 2019 GBP (£)	Jun. 19, 2019 USD (\$)	Mar. 31, 2018 USD (\$)
	XBRL Tag Name							Nov. 30, 2018 USD (\$)	Aug. 31, 2018 USD (\$)	Dec. 31, 2020 USD (\$)	Dec. 31, 2019 USD (\$)	Dec. 31, 2020 GBP (£)							
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Loss (gain) from extinguishment of debt	us-gasp_GainLossOnExtinguishmentOfDebt		us-gasp_	sbri:monetaryItem	credit	duration					\$ (160,000,000)	\$ 75,000,000	\$ 94,000,000						
Unamortized discount	us-gasp_DebtInstrumentUnamortizedDiscount		us-gasp_	sbri:monetaryItem	debit	instant					35,000,000	42,000,000							
Debt issuance costs	us-gasp_DeferredFinanceCostsNet		us-gasp_	sbri:monetaryItem	debit	instant					57,000,000	53,000,000							
Discount of debt amortization	us-gasp_AmortizationOfDebtDiscountPremium		us-gasp_	sbri:monetaryItem	debit	duration					7,000,000	2,000,000	\$ 3,000,000						
<b>Commercial paper</b>	us-gasp_ShortTermDebtTypeAis-us-gasp_CommercialPaperMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt instrument, face amount	us-gasp_DebtInstrumentFaceAmount		us-gasp_	sbri:monetaryItem	credit	instant					\$ 3,500,000,000								
Period for borrowing funds	us-gasp_PeriodForBorrowingFunds		us-gasp_	sbri:durationItem	na	duration					270 days								
Short-term debt outstanding	us-gasp_ShortTermBorrowings		us-gasp_	sbri:monetaryItem	credit	instant					\$ 0	0							
<b>Atlas Midstream LP</b>	us-gasp_AtlasMidstreamLPMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt leverage ratio (less than)	us-gasp_DebtInstrumentLeverageRatio		us-gasp_	sbri:decimalItem	na	instant					4.00		4.00						
<b>Senior Notes</b>	us-gasp_ExistingDebtInstrumentTypeAis-us-gasp_SeniorNotesMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt repurchased principle amount	us-gasp_DebtInstrumentRepurchasedFaceAmount		us-gasp_	sbri:monetaryItem	debit	instant		\$ 932,000,000			\$ 731,000,000								
Extinguishment of debt amount	us-gasp_ExtinguishmentOfDebtAmount		us-gasp_	sbri:monetaryItem	debit	duration		1,000,000,000.0			828,000,000								
Loss (gain) from extinguishment of debt	us-gasp_GainLossOnExtinguishmentOfDebt		us-gasp_	sbri:monetaryItem	credit	duration		75,000,000			94,000,000								
Unamortized debt issuance costs and discount	us-gasp_DebtInstrumentUnamortizedDiscountPremiumAndDebtIssuanceCostsNet		us-gasp_	sbri:monetaryItem	debit	instant		\$ 7,000,000			5,000,000								
<b>Apache credit facility</b>	us-gasp_DebtInstrumentTypeAis-us-gasp_CreditFacilityApacheMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Line of credit outstanding	us-gasp_LineOfCredit		us-gasp_	sbri:monetaryItem	credit	instant					\$ 150,000,000	0							
<b>Apache credit facility   Revolving Credit Facility</b>	us-gasp_DebtInstrumentTypeAis-us-gasp_CreditFacilityApacheMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Line of credit facility, committed amount	us-gasp_LineOfCreditFacilityCommittedAmount		us-gasp_	sbri:monetaryItem	credit	instant												\$ 4,000,000,000.0	
Debt extension term	us-gasp_ExtendedFinancingAgreementTerm		us-gasp_	sbri:durationItem	na	duration		1 year											
Quarterly facility fees at per annum rate	us-gasp_LineOfCreditFacilityUnusedCapacityCommitmentFeePercentage		us-gasp_	num:percentItem	na	duration					0.25%								
Maximum potential loss on assets located in specified regions	us-gasp_MaximumPotentialLossOnAssetsLocatedInSpecifiedRegions		us-gasp_	sbri:monetaryItem	debit	instant					\$ 1,700,000,000								
<b>Apache credit facility   Revolving Credit Facility   Maximum</b>	us-gasp_DebtInstrumentTypeAis-us-gasp_CreditFacilityApacheMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt-to-capital ratio	us-gasp_RatioOfDebtToCapital		us-gasp_	sbri:numItem	na	instant							0.60						
Percentage of less of companies consolidated asset	us-gasp_PercentageOfLessOfCompaniesConsolidatedAsset		us-gasp_	num:percentItem	na	instant					15.00%		15.00%						
<b>Apache credit facility   Revolving Credit Facility   Base Rate</b>	us-gasp_DebtInstrumentTypeAis-us-gasp_CreditFacilityApacheMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Margin percentage	us-gasp_DebtInstrumentBasisSpreadOnVariableRate		us-gasp_	num:percentItem	na	duration					0.50%								
<b>Apache credit facility   Revolving Credit Facility   LIBOR</b>	us-gasp_DebtInstrumentTypeAis-us-gasp_CreditFacilityApacheMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Margin percentage	us-gasp_DebtInstrumentBasisSpreadOnVariableRate		us-gasp_	num:percentItem	na	duration					1.50%								
<b>Unsecured Debt</b>	us-gasp_LongTermDebtTypeAis-us-gasp_UnsecuredDebtMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt instrument, face amount	us-gasp_DebtInstrumentFaceAmount		us-gasp_	sbri:monetaryItem	credit	instant								\$ 1,250,000,000			\$ 1,000,000,000.0		
<b>Unsecured Debt   4.375% notes due 2028</b>	us-gasp_LongTermDebtTypeAis-us-gasp_UnsecuredDebtMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt offering, aggregate principal amount	us-gasp_ProceedsFromIssuanceOfUnsecuredDebt		us-gasp_	sbri:monetaryItem	debit	duration					\$ 1,000,000,000.0								
Debt interest rate	us-gasp_DebtInstrumentInterestRateStatedPercentage		us-gasp_	num:percentItem	na	instant					4.375%	4.375%	4.375%						
<b>Unsecured Debt   4.250% Notes Due January 15, 2030</b>	us-gasp_LongTermDebtTypeAis-us-gasp_UnsecuredDebtMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt interest rate	us-gasp_DebtInstrumentInterestRateStatedPercentage		us-gasp_	num:percentItem	na	instant											4.25%		
Debt instrument, face amount	us-gasp_DebtInstrumentFaceAmount		us-gasp_	sbri:monetaryItem	credit	instant											\$ 600,000,000		
<b>Unsecured Debt   5.350% Notes Due July 1, 2049</b>	us-gasp_LongTermDebtTypeAis-us-gasp_UnsecuredDebtMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt interest rate	us-gasp_DebtInstrumentInterestRateStatedPercentage		us-gasp_	num:percentItem	na	instant											5.35%		
Debt instrument, face amount	us-gasp_DebtInstrumentFaceAmount		us-gasp_	sbri:monetaryItem	credit	instant											\$ 400,000,000		
<b>Unsecured Debt   6.625% Senior Notes Due In 2025</b>	us-gasp_LongTermDebtTypeAis-us-gasp_UnsecuredDebtMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt interest rate	us-gasp_DebtInstrumentInterestRateStatedPercentage		us-gasp_	num:percentItem	na	instant							4.625%						
Debt instrument, face amount	us-gasp_DebtInstrumentFaceAmount		us-gasp_	sbri:monetaryItem	credit	instant							\$ 500,000,000						
<b>Unsecured Debt   4.875% Senior Notes Due In 2027</b>	us-gasp_LongTermDebtTypeAis-us-gasp_UnsecuredDebtMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt interest rate	us-gasp_DebtInstrumentInterestRateStatedPercentage		us-gasp_	num:percentItem	na	instant							4.875%						
Debt instrument, face amount	us-gasp_DebtInstrumentFaceAmount		us-gasp_	sbri:monetaryItem	credit	instant							\$ 750,000,000						
<b>Senior Notes</b>	us-gasp_LongTermDebtTypeAis-us-gasp_SeniorNotesMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt repurchased principle amount	us-gasp_DebtInstrumentRepurchasedFaceAmount		us-gasp_	sbri:monetaryItem	debit	instant		\$ 644,000,000			\$ 588,000,000								
Loss (gain) from extinguishment of debt	us-gasp_GainLossOnExtinguishmentOfDebt		us-gasp_	sbri:monetaryItem	credit	duration		2,000,000			(158,000,000)								
Discount to par of debt repurchase	us-gasp_GainLossOnRepurchaseOfDebtInstrument		us-gasp_	sbri:monetaryItem	credit	duration		38,000,000			168,000,000								
Debt instrument, repurchase early tender premium	us-gasp_DebtInstrumentRepurchaseEarlyTenderPremium		us-gasp_	sbri:monetaryItem	credit	instant		32,000,000											
Debt repurchase, accrued and unpaid interest	us-gasp_DebtInstrumentAccruedInterest		us-gasp_	sbri:monetaryItem	credit	duration		6,000,000											
Debt instrument repurchase program	us-gasp_DebtInstrumentRepurchaseAmount		us-gasp_	sbri:monetaryItem	debit	instant					\$ 428,000,000								
<b>Line of Credit   Atlas Midstream LP</b>	us-gasp_LongTermDebtTypeAis-us-gasp_LineOfCreditMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt covenant leverage ratio	us-gasp_DebtInstrumentCovenantLeverageRatio		us-gasp_	sbri:decimalItem	na	instant					5.00		5.00						
Incentive distribution	us-gasp_DebtInstrumentCovenantDistributionLimits		us-gasp_	sbri:monetaryItem	credit	duration					\$ 30,000,000								
Adjusted pursuant agreement consecutive equals or exceeds	us-gasp_DebtInstrumentCovenantTermAdjustmentOfConsolidatedNetIncomeLimitForThreeConsecutiveCalendarMonthsOnQualifyingBasis		us-gasp_	sbri:monetaryItem	credit	duration					\$ 350,000,000								
<b>Line of Credit   Atlas Midstream LP   Maximum</b>	us-gasp_LongTermDebtTypeAis-us-gasp_LineOfCreditMember		us-gasp_	na															
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrument.LineItems		us-gasp_	sbri:stringItem	na	duration													
Debt covenant leverage ratio	us-gasp_DebtInstrumentCovenantLeverageRatio		us-gasp_	sbri:decimalItem	na	instant					5.50		5.50						

Line of Credit   Altus credit facility   Revolving Credit Facility	us-gasp_LongtermDebtTypeAxis=us-gasp_LineOfCreditMember	na						
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrumentLineItems	us-gasp_xbrl:stringItemType	na	duration				
Line of credit outstanding	us-gasp_LineOfCredit	us-gasp_xbrl:monetaryItemType	credit	instant		624,000,000	396,000,000	
Line of Credit   Altus credit facility   Revolving Credit Facility   Altus Midstream LP	us-gasp_LongtermDebtTypeAxis=us-gasp_LineOfCreditMember	na						
<b>Debt Instrument (Line Items)</b>	us-gasp_DebtInstrumentLineItems	us-gasp_xbrl:stringItemType	na	duration				
Line of credit outstanding	us-gasp_LineOfCredit	us-gasp_xbrl:monetaryItemType	credit	instant		\$ 624,000,000	\$ 396,000,000	

+ References + Details

## Cover - DEBT AND FINANCING COSTS - Schedule of Debt (Details)

DEBT AND FINANCING COSTS - Schedule of Debt (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Nov. 03, 2020	Dec. 31, 2020	Dec. 31, 2019	Aug. 31, 2018
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 8,052	\$ 8,217	
Finance lease obligations	us-gaap_FinanceLeaseLiability	us-gaap_	xbrli:monetaryItemType	credit	instant		38	48	
Unamortized discount	us-gaap_DebtInstrumentUnamortizedDiscount	us-gaap_	xbrli:monetaryItemType	debit	instant		(35)	(42)	
Debt issuance costs	us-gaap_DeferredFinanceCostsNet	us-gaap_	xbrli:monetaryItemType	debit	instant		(57)	(53)	
Total debt	us-gaap_LongTermDebt	us-gaap_	xbrli:monetaryItemType	credit	instant		8,772	8,566	
Current maturities	us-gaap_LongTermDebtCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant		(2)	(11)	
Long-term debt	us-gaap_LongTermDebtNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant		8,770	8,555	
Apache credit facility	us-gaap_DebtInstrumentAxis=apa_CreditFacilityApacheMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Credit facility	us-gaap_LineOfCredit	us-gaap_	xbrli:monetaryItemType	credit	instant		150	0	
Notes and debentures before unamortized discount and debt issuance costs	us-gaap_DebtInstrumentAxis=apa_NotesAndDebenturesMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Debt fair value	us-gaap_DebtInstrumentFairValue	us-gaap_	xbrli:monetaryItemType	credit	instant		8,500	8,400	
Unsecured Debt   3.625% notes due 2021	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		0	293	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	3.625%			
Redemption price, percentage of principal amount redeemed	us-gaap_DebtInstrumentRedemptionPricePercentageOfPrincipalAmountRedeemed	us-gaap_	num:percentItemType	na	duration	100.00%			
Unsecured Debt   3.25% notes due 2022	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 213	463	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	3.25%			
Unsecured Debt   2.625% notes due 2023	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 123	181	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	2.625%			
Unsecured Debt   4.625% notes due 2025	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 500	0	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	4.625%			
Unsecured Debt   7.7% notes due 2026	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 79	79	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	7.70%			
Unsecured Debt   7.95% notes due 2026	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 133	133	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	7.95%			
Unsecured Debt   4.875% notes due 2027	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 750	0	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	4.875%			
Unsecured Debt   4.375% notes due 2028	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 993	1,000	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant	4.375%			4.375%

Unsecured Debt   7.75% notes due in 2029	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 235	247	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		7.75%		
Unsecured Debt   4.25% notes due 2030	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 580	600	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		4.25%		
Unsecured Debt   6.0% notes due 2037	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 443	467	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		6.00%		
Unsecured Debt   5.1% notes due 2040	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 1,333	1,499	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		5.10%		
Unsecured Debt   5.25% notes due 2042	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 399	500	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		5.25%		
Unsecured Debt   4.75% notes due 2043	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 1,133	1,413	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		4.75%		
Unsecured Debt   4.25% notes due 2044	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 559	753	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		4.25%		
Unsecured Debt   7.375% debentures due 2047	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 150	150	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		7.375%		
Unsecured Debt   5.35% notes due 2049	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 390	400	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		5.35%		
Unsecured Debt   7.625% debentures due 2096	us-gaap_LongtermDebtTypeAxis=us-gaap_UnsecuredDebtMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 39	39	
Debt interest rate	us-gaap_DebtInstrumentInterestRateStatedPercentage	us-gaap_	num:percentItemType	na	instant		7.625%		
Commercial paper	us-gaap_LongtermDebtTypeAxis=us-gaap_CommercialPaperMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Long-term debt, gross	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 0	0	
Line of Credit   Altus credit facility   Revolving Credit Facility	us-gaap_LongtermDebtTypeAxis=us-gaap_LineOfCreditMember		na						
<b>Debt Instrument [Line Items]</b>	us-gaap_DebtInstrumentLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Credit facility	us-gaap_LineOfCredit	us-gaap_	xbrli:monetaryItemType	credit	instant		\$ 624	\$ 396	

+ References + Details

## Cover - DEBT AND FINANCING COSTS - Schedule of Long Term Debt by Maturity (Details)

DEBT AND FINANCING COSTS - Schedule of Long Term Debt by Maturity (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
Debt Disclosure [Abstract]	us-gaap_DebtDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration		
2021	us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInNextTwelveMonths	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 0	
2022	us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearTwo	us-gaap_	xbri:monetaryItemType	credit	instant	213	
2023	us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearThree	us-gaap_	xbri:monetaryItemType	credit	instant	123	
2024	us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFour	us-gaap_	xbri:monetaryItemType	credit	instant	0	
2025	us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalInYearFive	us-gaap_	xbri:monetaryItemType	credit	instant	500	
Thereafter	us-gaap_LongTermDebtMaturitiesRepaymentsOfPrincipalAfterYearFive	us-gaap_	xbri:monetaryItemType	credit	instant	7,216	
Notes and debentures, excluding discounts and debt issuance costs	us-gaap_DebtInstrumentCarryingAmount	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 8,052	\$ 8,217

+ Details



## Cover - DEBT AND FINANCING COSTS - Components of Financing Costs, Net (Details)

DEBT AND FINANCING COSTS - Components of Financing Costs, Net (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Debt Disclosure [Abstract]</b>	us-gaap_DebtDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration			
Interest expense	us-gaap_InterestExpenseDebt	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 438	\$ 430	\$ 441
Amortization of debt issuance costs	us-gaap_AmortizationOfFinancingCosts	us-gaap_	xbri:monetaryItemType	debit	duration	8	7	9
Capitalized interest	us-gaap_InterestCostsCapitalizedAdjustment	us-gaap_	xbri:monetaryItemType	credit	duration	(12)	(37)	(44)
Loss (gain) on extinguishment of debt	us-gaap_GainsLossesOnExtinguishmentOfDebt	us-gaap_	xbri:monetaryItemType	credit	duration	(160)	75	94
Interest income	us-gaap_InvestmentIncomeInterest	us-gaap_	xbri:monetaryItemType	credit	duration	(7)	(13)	(22)
Financing costs, net	us-gaap_InterestCostsIncurred	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 267	\$ 462	\$ 478

+ References + Details

## Cover - INCOME TAXES - Income (Loss) Before Income Taxes (Details)

INCOME TAXES - Income (Loss) Before Income Taxes (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Income Tax Disclosure [Abstract]	us-gaap_IncomeTaxDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration			
U.S.	us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesDomestic	us-gaap_	xbri:monetaryItemType	credit	duration	\$ (4,581)	\$ (4,397)	\$ (723)
Foreign	us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesForeign	us-gaap_	xbri:monetaryItemType	credit	duration	(259)	1,389	1,681
NET INCOME (LOSS) BEFORE INCOME TAXES	us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesMinorityInterestAndIncomeLossFromEquityMethodInvestments	us-gaap_	xbri:monetaryItemType	credit	duration	\$ (4,840)	\$ (3,008)	\$ 958

+ References + Details

## Cover - INCOME TAXES - Total Provision for Income Taxes (Details)

INCOME TAXES - Total Provision for Income Taxes (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Current income taxes:</b>	us-gaap_CurrentIncomeTaxExpenseBenefitContinuingOperationsAbstract	us-gaap_	xbri:stringItemType	na	duration			
Federal	us-gaap_CurrentFederalTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	\$ (2)	\$ 1	\$ (1)
State	us-gaap_CurrentStateAndLocalTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	0	0	0
Foreign	us-gaap_CurrentForeignTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	178	659	895
Total current income taxes	us-gaap_CurrentIncomeTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	176	660	894
<b>Deferred income taxes:</b>	us-gaap_DeferredIncomeTaxExpenseBenefitContinuingOperationsAbstract	us-gaap_	xbri:stringItemType	na	duration			
Federal	us-gaap_DeferredFederalIncomeTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	0	67	(65)
State	us-gaap_DeferredStateAndLocalIncomeTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	0	0	2
Foreign	us-gaap_DeferredForeignIncomeTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	(112)	(53)	(159)
Total deferred income taxes	us-gaap_DeferredIncomeTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	(112)	14	(222)
Total	us-gaap_IncomeTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 64	\$ 674	\$ 672

+ References + Details

## Cover - INCOME TAXES - Reconciliation of Tax of Income Before Income Taxes and Total Tax Expense (Details)

INCOME TAXES - Reconciliation of Tax of Income Before Income Taxes and Total Tax Expense (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Income Tax Disclosure [Abstract]</b>	us-gaap_IncomeTaxDisclosureAbstract	us-gaap_	xbrii:stringItemType	na	duration			
Income tax expense (benefit) at U.S. statutory rate	us-gaap_IncomeTaxReconciliationIncomeTaxExpenseBenefitAtFederalStatutoryIncomeTaxRate	us-gaap_	xbrii:monetaryItemType	debit	duration	\$ (1,016)	\$ (631)	\$ 201
State income tax, less federal effect	us-gaap_IncomeTaxReconciliationStateAndLocalIncomeTaxes	us-gaap_	xbrii:monetaryItemType	debit	duration	0	1	2
Taxes related to foreign operations	us-gaap_IncomeTaxReconciliationForeignIncomeTaxRateDifferential	us-gaap_	xbrii:monetaryItemType	debit	duration	97	328	436
Tax credits	us-gaap_IncomeTaxReconciliationTaxCreditsOther	us-gaap_	xbrii:monetaryItemType	credit	duration	(13)	(6)	(13)
Tax on deemed repatriation of foreign earnings	us-gaap_IncomeTaxReconciliationRepatriationOfForeignEarnings	us-gaap_	xbrii:monetaryItemType	debit	duration	0	0	103
Foreign tax credits	us-gaap_IncomeTaxReconciliationTaxCreditsForeign	us-gaap_	xbrii:monetaryItemType	credit	duration	0	0	(336)
Change in U.S. tax rate	us-gaap_IncomeTaxReconciliationChangeInEnactedTaxRate	us-gaap_	xbrii:monetaryItemType	debit	duration	0	0	161
Net change in tax contingencies	us-gaap_IncomeTaxReconciliationTaxContingencies	us-gaap_	xbrii:monetaryItemType	debit	duration	1	1	(2)
Goodwill impairment	us-gaap_IncomeTaxReconciliationNondeductibleExpenseImpairmentLosses	us-gaap_	xbrii:monetaryItemType	debit	duration	35	0	0
Sale of North Sea assets	apa_EffectiveIncomeTaxRateReconciliationSaleOfOilAndGasPropertiesAmount	apa_	xbrii:monetaryItemType	debit	duration	0	0	(30)
Valuation allowances	us-gaap_IncomeTaxReconciliationChangeInDeferredTaxAssetsValuationAllowance	us-gaap_	xbrii:monetaryItemType	debit	duration	965	972	118
All other, net	us-gaap_IncomeTaxReconciliationOtherReconcilingItems	us-gaap_	xbrii:monetaryItemType	debit	duration	(5)	9	32
<b>Total</b>	us-gaap_IncomeTaxExpenseBenefit	us-gaap_	xbrii:monetaryItemType	debit	duration	\$ 64	\$ 674	\$ 672

+ References + Details

## Cover - INCOME TAXES - Net Deferred Tax Liability (Details)

INCOME TAXES - Net Deferred Tax Liability (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2017
<b>Deferred tax assets:</b>	us-gaap_ComponentsOfDeferredTaxAssetsAbstract	us-gaap_	xbri:stringItemType	na	duration				
U.S. and state net operating losses	apa_DeferredTaxAssetsOperatingLossCarryforwardsFederalAndState	apa_	xbri:monetaryItemType	debit	instant	\$ 2,306	\$ 2,108		
Capital losses	us-gaap_DeferredTaxAssetsCapitalLossCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	633	626		
Tax credits and other tax incentives	us-gaap_DeferredTaxAssetsTaxCreditCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	33	32		
Foreign tax credits	us-gaap_DeferredTaxAssetsTaxCreditCarryforwardsForeign	us-gaap_	xbri:monetaryItemType	debit	instant	2,241	2,241		
Accrued expenses and liabilities	us-gaap_DeferredTaxAssetsTaxDeferredExpenseReservesAndAccrualsAccruedLiabilities	us-gaap_	xbri:monetaryItemType	debit	instant	93	97		
Asset retirement obligation	us-gaap_DeferredTaxAssetsTaxDeferredExpenseReservesAndAccrualsAssetRetirementObligations	us-gaap_	xbri:monetaryItemType	debit	instant	654	618		
Property & equipment	us-gaap_DeferredTaxAssetsPropertyPlantAndEquipment	us-gaap_	xbri:monetaryItemType	debit	instant	261	0		
Investment in Altus Midstream LP	us-gaap_DeferredTaxAssetsInvestments	us-gaap_	xbri:monetaryItemType	debit	instant	76	107		
Net interest expense limitation	apa_DeferredTaxAssetsNetInterestExpenseExpense	apa_	xbri:monetaryItemType	debit	instant	252	162		
Lease liability	apa_DeferredTaxAssetLeaseLiability	apa_	xbri:monetaryItemType	debit	instant	79	108		
Other	us-gaap_DeferredTaxAssetsOther	us-gaap_	xbri:monetaryItemType	debit	instant	1	88		
Total deferred tax assets	us-gaap_DeferredTaxAssetsGross	us-gaap_	xbri:monetaryItemType	debit	instant	6,629	6,187		
Valuation allowance	us-gaap_DeferredTaxAssetsValuationAllowance	us-gaap_	xbri:monetaryItemType	credit	instant	(5,991)	(4,959)	\$ (3,947)	\$ (3,816)
Net deferred tax assets	us-gaap_DeferredTaxAssetsNet	us-gaap_	xbri:monetaryItemType	debit	instant	638	1,228		
<b>Deferred tax liabilities:</b>	us-gaap_ComponentsOfDeferredTaxLiabilitiesAbstract	us-gaap_	xbri:stringItemType	na	duration				
Deferred income	us-gaap_DeferredTaxLiabilitiesTaxDeferredIncome	us-gaap_	xbri:monetaryItemType	credit	instant	0	1		
Equity investments	us-gaap_DeferredTaxLiabilitiesInvestments	us-gaap_	xbri:monetaryItemType	credit	instant	4	0		
Property and equipment	us-gaap_DeferredTaxLiabilitiesPropertyPlantAndEquipment	us-gaap_	xbri:monetaryItemType	credit	instant	750	1,432		
Right-of-use asset	apa_DeferredTaxLiabilitiesRightofUseAsset	apa_	xbri:monetaryItemType	credit	instant	74	106		
Other	us-gaap_DeferredTaxLiabilitiesOther	us-gaap_	xbri:monetaryItemType	credit	instant	13	6		
Total deferred tax liabilities	us-gaap_DeferredIncomeTaxLiabilities	us-gaap_	xbri:monetaryItemType	credit	instant	841	1,545		
Net deferred income tax liability	us-gaap_DeferredTaxLiabilities	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 203	\$ 317		

+ References + Details

## Cover - INCOME TAXES - Net Deferred Tax Assets and Liabilities (Details)

INCOME TAXES - Net Deferred Tax Assets and Liabilities (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Assets:</b>	us-gaap_ComponentsOfDeferredTaxAssetsAbstract	us-gaap_	xbrli:stringItemType	na	duration		
Deferred charges and other	us-gaap_DeferredTaxAssetsTaxDeferredExpenseOther	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 12	\$ 29
<b>Liabilities:</b>	us-gaap_ComponentsOfDeferredTaxLiabilitiesAbstract	us-gaap_	xbrli:stringItemType	na	duration		
Income taxes	us-gaap_DeferredIncomeTaxLiabilitiesNet	us-gaap_	xbrli:monetaryItemType	credit	instant	215	346
Net deferred income tax liability	us-gaap_DeferredTaxLiabilities	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 203	\$ 317

+ Details

## Cover - INCOME TAXES - Additional Information (Details)

INCOME TAXES - Additional Information (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Income Tax [Line Items]</b>	apa_IncomeTaxLineItems	apa_	xbri:stringItemType	na	duration			
Measurement period adjustment, additional deferred tax expense under the Act	us-gaap_TaxCutsAndJobsActOf2017MeasurementPeriodAdjustmentIncomeTaxExpenseBenefit	us-gaap_	xbri:monetaryItemType	debit	duration			\$ 103
Increase (decrease) of valuation allowances	us-gaap_ValuationAllowanceDeferredTaxAssetChangeInAmount	us-gaap_	xbri:monetaryItemType	credit	duration	\$ 1,000	\$ 1,000	131
Net interest expense carryforward	apa_NetInterestExpenseCarryforward	apa_	xbri:monetaryItemType	debit	instant	1,100		
Capital losses	us-gaap_DeferredTaxAssetsCapitalLossCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	633	626	
Foreign tax credit carryforward, amount	us-gaap_DeferredTaxAssetsTaxCreditCarryforwardsForeign	us-gaap_	xbri:monetaryItemType	debit	instant	2,241	2,241	
Tax expense recorded for interest and penalties	us-gaap_UnrecognizedTaxBenefitsIncomeTaxPenaltiesAndInterestExpense	us-gaap_	xbri:monetaryItemType	debit	duration	1	1	1
Accrued for payment of interest and penalties	us-gaap_UnrecognizedTaxBenefitsIncomeTaxPenaltiesAndInterestAccrued	us-gaap_	xbri:monetaryItemType	credit	instant	3	2	1
(Reduction) increase reserve for uncertain tax positions related to the current year	apa_ReserveForUncertainCurrentPeriodTaxPositions	apa_	xbri:monetaryItemType	debit	duration	11	\$ 58	\$ 2
U.S.	us-gaap_IncomeTaxAuthorityAxis=us-gaap_DomesticCountryMember		na					
<b>Income Tax [Line Items]</b>	apa_IncomeTaxLineItems	apa_	xbri:stringItemType	na	duration			
Operating loss carryforwards	us-gaap_OperatingLossCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	8,859		
Operating loss carryforwards subject to annual limitation	apa_OperatingLossCarryforwardsSubjecttoAnnualLimitation	apa_	xbri:monetaryItemType	debit	instant	186		
Capital losses	us-gaap_DeferredTaxAssetsCapitalLossCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 1,800		
Capital loss carryforward carryover period	apa_CapitalLossCarryforwardCarryoverPeriod	apa_	xbri:durationItemType	na	duration	5 years		
Canada	us-gaap_IncomeTaxAuthorityAxis=us-gaap_ForeignCountryMember		na					
<b>Income Tax [Line Items]</b>	apa_IncomeTaxLineItems	apa_	xbri:stringItemType	na	duration			
Capital losses	us-gaap_DeferredTaxAssetsCapitalLossCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 836		

+ References + Details

## Cover - INCOME TAXES - Summary of Valuation Allowance Against Certain Foreign Net Deferred Tax Assets and State Net Operating Losses (Details)

INCOME TAXES - Summary of Valuation Allowance Against Certain Foreign Net Deferred Tax Assets and State Net Operating Losses (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Movement in Valuation Allowance of Deferred Tax Assets [Roll Forward]</b>	apa_MovementinValuationAllowanceofDeferredTaxAssetsRollForward	apa_	xbri:stringItemType	na	duration			
Balance at beginning of year	us-gaap_DeferredTaxAssetsValuationAllowance	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 4,959	\$ 3,947	\$ 3,816
State	apa_DeferredTaxAssetsValuationAllowanceStateNetOperatingLossCarryover	apa_	xbri:monetaryItemType	credit	duration	67	41	15
U.S.	apa_DeferredTaxAssetsValuationAllowanceDomesticTransactions	apa_	xbri:monetaryItemType	credit	duration	960	971	124
Foreign	apa_DeferredTaxAssetsValuationAllowanceForeignCurrencyTranslationAdjustments	apa_	xbri:monetaryItemType	credit	duration	5	0	(8)
Balance at end of year	us-gaap_DeferredTaxAssetsValuationAllowance	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 5,991	\$ 4,959	\$ 3,947

+ References + Details



## Cover - INCOME TAXES - Net Operating Losses (Details)

INCOME TAXES - Net Operating Losses (Details) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 USD (\$)
U.S.	us-gaap_IncomeTaxAuthorityAxis=us-gaap_DomesticCountryMember		na			
<b>Schedule Of Income Tax [Line Items]</b>	apa_ScheduleOfIncomeTaxLineItems	apa_	xbri:stringItemType	na	duration	
Net operating losses	us-gaap_OperatingLossCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 8,859
State	us-gaap_IncomeTaxAuthorityAxis=us-gaap_StateAndLocalJurisdictionMember		na			
<b>Schedule Of Income Tax [Line Items]</b>	apa_ScheduleOfIncomeTaxLineItems	apa_	xbri:stringItemType	na	duration	
Net operating losses	us-gaap_OperatingLossCarryforwards	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 6,566

+ References + Details

## Cover - INCOME TAXES - Schedule of Foreign Tax Credit Carryforward (Details)

INCOME TAXES - Schedule of Foreign Tax Credit Carryforward (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
Income Tax Disclosure [Abstract]	us-gaap_IncomeTaxDisclosureAbstract	us-gaap_	xbri:stringItemType	na	duration		
Foreign tax credit carryforward, amount	us-gaap_DeferredTaxAssetsTaxCreditCarryforwardsForeign	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 2,241	\$ 2,241

+ References + Details

## Cover - INCOME TAXES - Reconciliation of Beginning and Ending Amount of Unrecognized Tax Benefits (Details)

INCOME TAXES - Reconciliation of Beginning and Ending Amount of Unrecognized Tax Benefits (Details) - USD (\$) \$ in Millions	XBRL Details						12 Months Ended			
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2017
Reconciliation of Unrecognized Tax Benefits, Excluding Amounts Pertaining to Examined Tax Returns [Roll Forward]	us-gaap_ReconciliationOfUnrecognizedTaxBenefitsExcludingAmountsPertainingToExaminedTaxReturnsRollForward	us- gaap_	xbrli:stringItemType	na	duration					
Balance at beginning of year	us-gaap_UnrecognizedTaxBenefits	us- gaap_	xbrli:monetaryItemType	credit	instant	\$ 93	\$ 82	\$ 24	\$ 26	
Additions based on tax positions related to prior year	us-gaap_UnrecognizedTaxBenefitsIncreasesResultingFromPriorPeriodTaxPositions	us- gaap_	xbrli:monetaryItemType	credit	duration	0	49	0		
Additions based on tax positions related to the current year	us-gaap_UnrecognizedTaxBenefitsIncreasesResultingFromCurrentPeriodTaxPositions	us- gaap_	xbrli:monetaryItemType	credit	duration	11	9	0		
Reductions for tax positions of prior years	us-gaap_UnrecognizedTaxBenefitsDecreasesResultingFromPriorPeriodTaxPositions	us- gaap_	xbrli:monetaryItemType	debit	duration	0	0	(2)		
Balance at end of year	us-gaap_UnrecognizedTaxBenefits	us- gaap_	xbrli:monetaryItemType	credit	instant	\$ 93	\$ 82	\$ 24	\$ 26	

+ References + Details

## Cover - COMMITMENTS AND CONTINGENCIES - Additional Information (Details)

COMMITMENTS AND CONTINGENCIES - Additional Information (Details) \$ in Millions	XBRL Details										12 Months Ended									
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Sep. 10, 2010 defendant	Sep. 11, 2019 USD (\$)	Dec. 20, 2017 Action plaintiff	Jul. 17, 2017 Action defendant	Mar. 21, 2016 USD (\$)	Mar. 20, 2016 USD (\$)	Dec. 31, 2020 USD (\$)	Dec. 31, 2019 USD (\$)	Dec. 31, 2018 USD (\$)	Dec. 31, 2017 USD (\$)	Aug. 03, 2020 USD (\$)	Dec. 31, 2017 USD (\$)	Apr. 30, 2017 USD (\$)	Mar. 12, 2014 USD (\$)	
Commitment And Contingencies (Line Items)	Accrued liability for legal contingencies	us-gaap_LossContingencyAccrualAtCarryingValue	us-gaap_	xbrl:monetaryItem	credit	instant						\$ 70,000,000							\$ 100,000,000	
	Environmental tax and royalty obligations	us-gaap_RoyaltyObligationNonCurrent	us-gaap_	xbrl:monetaryItem	credit	instant														
	Retain right of obligations	us-gaap_ObligationsForCapacityRights	us-gaap_	xbrl:monetaryItem	credit	instant						45,000,000								
	Number of plaintiffs   plaintiff	us-gaap_LossContingencyNumberOfPlaintiffs	us-gaap_	xbrl:integerItem	na	duration	4													
	Maximum cost considered to be recognized for additional reserve	us-gaap_MaximumCostConsideredToBeRecognizedForAdditionalReserve	us-gaap_	xbrl:monetaryItem	credit	instant						300,000								
	Undiscounted reserve for environmental remediation	us-gaap_AccrualForEnvironmentalLossContingenciesGross	us-gaap_	xbrl:monetaryItem	credit	instant						2,000,000								
	Standby lease agreed to provide related to ARO	us-gaap_StandbyLeaseAgreedToProvideRelatedToAssetsRetirementObligations	us-gaap_	xbrl:monetaryItem	debit	instant											\$ 400,000,000			
	Fixed operating lease expenses	us-gaap_FixedOperatingLeaseExpense	us-gaap_	xbrl:monetaryItem	debit	duration						149,000,000	\$ 222,000,000							
	Short-term lease expense	us-gaap_ShortTermLeaseCost	us-gaap_	xbrl:monetaryItem	debit	duration						80,000,000	18,000,000							
	Financing costs, net	us-gaap_InterestCostIncurred	us-gaap_	xbrl:monetaryItem	debit	duration						267,000,000	462,000,000	\$ 278,000,000						
	Variable lease payment	us-gaap_VariableLeasePayment	us-gaap_	xbrl:monetaryItem	debit	duration						41,000,000	78,000,000							
	Assets Held Under Finance Leases	us-gaap_PropertyPlantAndEquipmentTypeOfAssets=apa_AssetsHeldUnderFinanceLeasesMember	us-gaap_	xbrl:stringItem	na	duration														
	Commitment And Contingencies (Line Items)	Depreciation	us-gaap_Depreciation	us-gaap_	xbrl:monetaryItem	debit	duration					2,000,000	7,000,000							
		Financing costs, net	us-gaap_InterestCostIncurred	us-gaap_	xbrl:monetaryItem	debit	duration					2,000,000	\$ 3,000,000							
		Apollo Exploration Lawsuit	us-gaap_LitigationCases=apa_ApolloExplorationLawsuitMember	us-gaap_	xbrl:stringItem	na	duration													
	Commitment And Contingencies (Line Items)	Less contingency damages sought value	us-gaap_LossContingencyDamagesSoughtValue	us-gaap_	xbrl:monetaryItem	debit	duration				\$ 200,000,000									
Canadian Operations Divestiture Dispute		us-gaap_LitigationCases=apa_CanadianOperationsDivestitureDisputeMember	us-gaap_	xbrl:stringItem	na	duration														
Commitment And Contingencies (Line Items)		Less contingency punitive damages	us-gaap_LossContingencyDamagesPunitive	us-gaap_	xbrl:monetaryItem	debit	duration	\$ 60,000,000												
	California Litigation	us-gaap_LitigationCases=apa_CaliforniaLitigationMember	us-gaap_	xbrl:stringItem	na	duration														
	Commitment And Contingencies (Line Items)	Number of actions filed   Action	us-gaap_LossContingencyNewClaimsFiledNumber	us-gaap_	xbrl:integerItem	na	duration		2	3										
Number of defendants   defendant		us-gaap_LossContingencyNumberOfDefendants	us-gaap_	xbrl:integerItem	na	duration			30											
Delaware Litigation		us-gaap_LitigationCases=apa_DelawareLitigationMember	us-gaap_	xbrl:stringItem	na	duration														
Commitment And Contingencies (Line Items)	Number of defendants   defendant	us-gaap_LossContingencyNumberOfDefendants	us-gaap_	xbrl:integerItem	na	duration			25											
	Gates Lawsuit	us-gaap_LitigationCases=apa_GatesLawsuitMember	us-gaap_	xbrl:stringItem	na	duration														
	Commitment And Contingencies (Line Items)	Less contingency damages sought value	us-gaap_LossContingencyDamagesSoughtValue	us-gaap_	xbrl:monetaryItem	debit	duration					200,000,000								
Less contingency estimate of possible loss		us-gaap_LossContingencyEstimatedPossibleLoss	us-gaap_	xbrl:monetaryItem	debit	instant					60,000,000									
Oklahoma Class Actions		us-gaap_LitigationCases=apa_OklahomaClassActionsMember	us-gaap_	xbrl:stringItem	na	duration														
Commitment And Contingencies (Line Items)	Less contingency damages sought value	us-gaap_LossContingencyDamagesSoughtValue	us-gaap_	xbrl:monetaryItem	debit	duration					\$ 250,000,000									
	Number of actions filed   Action	us-gaap_LossContingencyNewClaimsFiledNumber	us-gaap_	xbrl:integerItem	na	duration					2									
	Apache Australia Operation   Australian Operations Divestiture Dispute	us-gaap_IncomeStatementBalanceSheetAndAdditionalDisclosuresDisposalGroupsIncludingDiscontinuedOperations=apa_ApacheAustraliaOperationMember	us-gaap_	xbrl:stringItem	na	duration														
Commitment And Contingencies (Line Items)	Gain contingency, unrecorded amount	us-gaap_GainContingencyUnrecordedAmount	us-gaap_	xbrl:monetaryItem	credit	instant												\$ 80		
	Less contingency estimate of possible loss	us-gaap_LossContingencyEstimatedPossibleLoss	us-gaap_	xbrl:monetaryItem	debit	instant												\$ 200		
	Gulf Of Mexico Shelf Operations And Properties   Disposal Group, Disposed of by Sale, Not Discontinued Operations	us-gaap_IncomeStatementBalanceSheetAndAdditionalDisclosuresDisposalGroupsIncludingDiscontinuedOperations=apa_GulfOfMexicoShelfOperationsAndPropertiesMember	us-gaap_	xbrl:stringItem	na	duration														
Commitment And Contingencies (Line Items)	Proceeds from sale of operations and properties	us-gaap_ProceedsFromDisposalOfBusinesses	us-gaap_	xbrl:monetaryItem	debit	duration											\$ 3,750,000,000			
	Discounted asset abandonment liabilities assumed	us-gaap_DisposalGroupNetDiscountedOperationDiscountedAssetAbandonmentLiabilitiesAssumed	us-gaap_	xbrl:monetaryItem	debit	instant											1,500,000,000			
	Percentage of net profits interest for funding trust account	us-gaap_DisposalGroupNetDiscountedOperationPercentageOfNetProfitsInterestOfFundingTrustAccount	us-gaap_	num-percentItem	na	duration											10.00%			
Minimum   Apollo Exploration	us-gaap_Range=us-gaap_MinimumMember	us-gaap_	xbrl:stringItem	na	duration															
Commitment And Contingencies (Line Items)	Less contingency damages sought value	us-gaap_LossContingencyDamagesSoughtValue	us-gaap_	xbrl:monetaryItem	debit	duration					\$ 1,100,000,000									

+ References + Details

**Cover - COMMITMENTS AND CONTINGENCIES - Company's Weighted Average Lease Term and Discount Rate related to Leases (Details)**

<b>COMMITMENTS AND CONTINGENCIES - Company's Weighted Average Lease Term and Discount Rate related to Leases (Details)</b>	<b>XBRL Tag Name</b>	<b>XBRL Prefix</b>	<b>Data Type</b>	<b>Balance Type</b>	<b>Period Type</b>	<b>Dec. 31, 2020</b>
<b>Accounting Policies [Abstract]</b>	us-gaap_AccountingPoliciesAbstract	us-gaap_	xbri:stringItemType	na	duration	
Operating leases, weighted average remaining lease term	us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1	us-gaap_	xbri:durationItemType	na	instant	3 years 8 months 12 days
Finance leases, weighted average remaining lease term	us-gaap_FinanceLeaseWeightedAverageRemainingLeaseTerm1	us-gaap_	xbri:durationItemType	na	instant	12 years 8 months 12 days
Operating leases, weighted average discount rate	us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent	us-gaap_	num:percentItemType	na	instant	4.20%
Finance leases, weighted average discount rate	us-gaap_FinanceLeaseWeightedAverageDiscountRatePercent	us-gaap_	num:percentItemType	na	instant	4.40%

+ Details

## Cover - COMMITMENTS AND CONTINGENCIES - Schedule of Future Minimum Lease Payments (Details)

COMMITMENTS AND CONTINGENCIES - Schedule of Future Minimum Lease Payments (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Operating Leases</b>	us-gaap_OperatingLeaseLiabilitiesPaymentsDueAbstract	us-gaap_	xbrli:stringItemType	na	duration			
2021	us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 120		
2022	us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo	us-gaap_	xbrli:monetaryItemType	credit	instant	70		
2023	us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree	us-gaap_	xbrli:monetaryItemType	credit	instant	33		
2024	us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour	us-gaap_	xbrli:monetaryItemType	credit	instant	27		
2025	us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFive	us-gaap_	xbrli:monetaryItemType	credit	instant	7		
Thereafter	us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive	us-gaap_	xbrli:monetaryItemType	credit	instant	25		
Total future minimum payments	us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue	us-gaap_	xbrli:monetaryItemType	credit	instant	282		
Less: imputed interest	us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount	us-gaap_	xbrli:monetaryItemType	credit	instant	(21)		
Total lease liabilities	us-gaap_OperatingLeaseLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	261		
Current portion	us-gaap_OperatingLeaseLiabilityCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	116	\$ 169	
Non-current portion	us-gaap_OperatingLeaseLiabilityNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	145		
<b>Finance Leases</b>	us-gaap_FinanceLeaseLiabilitiesPaymentsDueAbstract	us-gaap_	xbrli:stringItemType	na	duration			
2021	us-gaap_FinanceLeaseLiabilityPaymentsDueNextTwelveMonths	us-gaap_	xbrli:monetaryItemType	credit	instant	3		
2022	us-gaap_FinanceLeaseLiabilityPaymentsDueYearTwo	us-gaap_	xbrli:monetaryItemType	credit	instant	3		
2023	us-gaap_FinanceLeaseLiabilityPaymentsDueYearThree	us-gaap_	xbrli:monetaryItemType	credit	instant	3		
2024	us-gaap_FinanceLeaseLiabilityPaymentsDueYearFour	us-gaap_	xbrli:monetaryItemType	credit	instant	4		
2025	us-gaap_FinanceLeaseLiabilityPaymentsDueYearFive	us-gaap_	xbrli:monetaryItemType	credit	instant	4		
Thereafter	us-gaap_FinanceLeaseLiabilityPaymentsDueAfterYearFive	us-gaap_	xbrli:monetaryItemType	credit	instant	29		
Total future minimum payments	us-gaap_FinanceLeaseLiabilityPaymentsDue	us-gaap_	xbrli:monetaryItemType	credit	instant	46		
Less: imputed interest	us-gaap_FinanceLeaseLiabilityUndiscountedExcessAmount	us-gaap_	xbrli:monetaryItemType	credit	instant	(8)		
Total lease liabilities	us-gaap_FinanceLeaseLiability	us-gaap_	xbrli:monetaryItemType	credit	instant	38	48	
Current portion	us-gaap_FinanceLeaseLiabilityCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	2		
Non-current portion	us-gaap_FinanceLeaseLiabilityNoncurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	36		
<b>Purchase Obligations</b>	us-gaap_PurchaseObligationFiscalYearMaturityAbstract	us-gaap_	xbrli:stringItemType	na	duration			
2021	us-gaap_PurchaseObligationDueInNextTwelveMonths	us-gaap_	xbrli:monetaryItemType	credit	instant	236		
2022	us-gaap_PurchaseObligationDueInSecondYear	us-gaap_	xbrli:monetaryItemType	credit	instant	203		
2023	us-gaap_PurchaseObligationDueInThirdYear	us-gaap_	xbrli:monetaryItemType	credit	instant	203		
2024	us-gaap_PurchaseObligationDueInFourthYear	us-gaap_	xbrli:monetaryItemType	credit	instant	160		
2025	us-gaap_PurchaseObligationDueInFifthYear	us-gaap_	xbrli:monetaryItemType	credit	instant	159		
Thereafter	us-gaap_PurchaseObligationDueAfterFifthYear	us-gaap_	xbrli:monetaryItemType	credit	instant	600		
Total future minimum payments	us-gaap_PurchaseObligation	us-gaap_	xbrli:monetaryItemType	credit	instant	1,561		
Total costs under take or pay and throughout obligation	apa_TotalCostsUnderTakeorPayandThroughoutObligation	apa_	xbrli:monetaryItemType	debit	duration	\$ 120	\$ 111	\$ 132
Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List]	us-gaap_OperatingLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList	us-gaap_	srt-types:extensibleListItemType	na	instant	us-gaap:DeferredCostsAndOtherAssets	us-gaap:DeferredCostsAndOtherAssets	
Operating Lease, Liability, Current, Statement of Financial Position [Extensible List]	us-gaap_OperatingLeaseLiabilityCurrentStatementOfFinancialPositionExtensibleList	us-gaap_	srt-types:extensibleListItemType	na	instant	us-gaap:OtherLiabilitiesCurrent	us-gaap:OtherLiabilitiesCurrent	
Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List]	us-gaap_OperatingLeaseLiabilityNoncurrentStatementOfFinancialPositionExtensibleList	us-gaap_	srt-types:extensibleListItemType	na	instant	us-gaap:OtherLiabilitiesNoncurrent	us-gaap:OtherLiabilitiesNoncurrent	

+ References + Details

## Cover - COMMITMENTS AND CONTINGENCIES - Schedule of ASU Leases (Topic 840) disclosures for prior periods (Details)

COMMITMENTS AND CONTINGENCIES - Schedule of ASU Leases (Topic 840) disclosures for prior periods (Details) \$ in Millions	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2018 USD (\$)
<b>Operating Leases</b>	us-gaap_OperatingLeaseLiabilitiesPaymentsDueAbstract	us-gaap_	xbrli:stringItemType	na	duration	
2019	us-gaap_OperatingLeasesFutureMinimumPaymentsDueCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 61
2020-2021	us-gaap_OperatingLeasesFutureMinimumPaymentsDueInTwoAndThreeYears	us-gaap_	xbrli:monetaryItemType	credit	instant	64
2022-2023	us-gaap_OperatingLeasesFutureMinimumPaymentsDueInFourAndFiveYears	us-gaap_	xbrli:monetaryItemType	credit	instant	53
2024 & Beyond	us-gaap_OperatingLeasesFutureMinimumPaymentsDueThereafter	us-gaap_	xbrli:monetaryItemType	credit	instant	42
Total	us-gaap_OperatingLeasesFutureMinimumPaymentsDue	us-gaap_	xbrli:monetaryItemType	credit	instant	220
<b>Finance Leases</b>	us-gaap_FinanceLeaseLiabilitiesPaymentsDueAbstract	us-gaap_	xbrli:stringItemType	na	duration	
2019	us-gaap_CapitalLeasesFutureMinimumPaymentsDueCurrent	us-gaap_	xbrli:monetaryItemType	credit	instant	1
2020-2021	us-gaap_CapitalLeasesFutureMinimumPaymentsDueInTwoAndThreeYears	us-gaap_	xbrli:monetaryItemType	credit	instant	3
2022-2023	us-gaap_CapitalLeasesFutureMinimumPaymentsDueInFourAndFiveYears	us-gaap_	xbrli:monetaryItemType	credit	instant	4
2024 & Beyond	us-gaap_CapitalLeasesFutureMinimumPaymentsDueThereafter	us-gaap_	xbrli:monetaryItemType	credit	instant	32
Total	us-gaap_CapitalLeasesFutureMinimumPaymentsDue	us-gaap_	xbrli:monetaryItemType	credit	instant	40
Net rental expenses	us-gaap_LeaseAndRentalExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	\$ 76
Capital leases imputed interest rate	apa_CapitalLeasesImputedInterestRate	apa_	num:percentItemType	na	duration	4.40%
Capital lease imputed interest rate amount	apa_CapitalLeaseImputedInterestRateAmount	apa_	xbrli:monetaryItemType	credit	instant	\$ 16

+ References + Details

## Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS - Additional Information (Details)

RETIREMENT AND DEFERRED COMPENSATION PLANS - Additional Information (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Defined Benefit Plan Disclosure [Line Items]	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Portion of employee's salary, employee contributions under non-qualified retirement savings plan	apa_PortionOfEmployeesSalaryEmployeeContributionsUnderNonQualifiedRetirementSavingsPlan	apa_	num:percentItemType	na	duration	50.00%		
Maximum percentage of compensation contributed by the company	apa_MaximumPercentageOfCompensationContributedByEmployer	apa_	num:percentItemType	na	duration	8.00%		
Percentage of additional contribution to money purchase retirement plan	apa_PercentageOfAdditionalContributionToMoneyPurchaseRetirementPlan	apa_	num:percentItemType	na	duration	6.00%		
Maximum percentage of eligible compensation contributed by the participating employees	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardMaximumEmployeeSubscriptionRate	us-gaap_	num:percentItemType	na	instant	50.00%		
Portion of employee's annual bonus, employee contributions under non-qualified retirement savings plan, vested	apa_PortionOfEmployeesAnnualBonusEmployeeContributionsUnderNonqualifiedRetirementSavingsPlanVested	apa_	num:percentItemType	na	duration	75.00%		
Portion occurring as money purchase retirement plan and the non-qualified retirement/savings plan, vested	apa_MoneyPurchaseRetirementPlanAndNonQualifiedRetirementSavingsPlanVestedPerYearTwo	apa_	num:percentItemType	na	duration	20.00%		
Annual cost of retirement benefit plans	us-gaap_DefinedContributionPlanCostRecognized	us-gaap_	xbrli:monetaryItemType	debit	duration	\$ 43	\$ 52	\$ 52
Targeted ongoing funding level of pension plan policy, percent	apa_TargetedOngoingFundingLevelOfPensionPlanPolicyPercent	apa_	num:percentItemType	na	duration	100.00%		
Outperformance relative to gilts for equities	apa_OutPerformanceRelativeToGiltsForEquities	apa_	num:percentItemType	na	duration	3.50%		
Pension Benefits	us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember		na					
Defined Benefit Plan Disclosure [Line Items]	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Accumulated benefit obligation for pension plans	us-gaap_DefinedBenefitPlanAccumulatedBenefitObligation	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 207	\$ 181	\$ 167
Expected contribution towards pension and postretirement plan	us-gaap_DefinedBenefitPlanExpectedFutureEmployerContributionsNextFiscalYear	us-gaap_	xbrli:monetaryItemType	debit	instant	5		
Postretirement Benefits	us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember		na					
Defined Benefit Plan Disclosure [Line Items]	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Expected contribution towards pension and postretirement plan	us-gaap_DefinedBenefitPlanExpectedFutureEmployerContributionsNextFiscalYear	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 2		

+ References + Details



## Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS - Changes in Benefit Obligation, Fair Value of Plan Assets and Funded Status of Pension and Postretirement Benefit Plans (Details)

RETIREMENT AND DEFERRED COMPENSATION PLANS - Changes in Benefit Obligation, Fair Value of Plan Assets and Funded Status of Pension and Postretirement Benefit Plans (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Change in Plan Assets</b>	us-gaap_DefinedBenefitPlanChangeInFairValueOfPlanAssetsRollForward	us-gaap_	xbrli:stringItemType	na	duration			
Fair value of plan assets at beginning of year	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 228		
Fair value of plan assets at end of year	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	262	\$ 228	
Pension Benefits	us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember		na					
<b>Change in Projected Benefit Obligation</b>	us-gaap_DefinedBenefitPlanChangeInBenefitObligationRollForward	us-gaap_	xbrli:stringItemType	na	duration			
Projected benefit obligation at beginning of year	us-gaap_DefinedBenefitPlanBenefitObligation	us-gaap_	xbrli:monetaryItemType	credit	instant	199	187	\$ 216
Service cost	us-gaap_DefinedBenefitPlanServiceCost	us-gaap_	xbrli:monetaryItemType	debit	duration	3	3	4
Interest cost	us-gaap_DefinedBenefitPlanInterestCost	us-gaap_	xbrli:monetaryItemType	debit	duration	4	5	5
Foreign currency exchange rates	us-gaap_DefinedBenefitPlanForeignCurrencyExchangeRateChangesBenefitObligation	us-gaap_	xbrli:monetaryItemType	credit	duration	8	7	(11)
Actuarial losses (gains)	us-gaap_DefinedBenefitPlanActuarialGainLoss	us-gaap_	xbrli:monetaryItemType	credit	duration	30	15	(11)
Plan settlements	us-gaap_DefinedBenefitPlanAccumulatedBenefitObligationIncreaseDecreaseForSettlementAndCurtailment	us-gaap_	xbrli:monetaryItemType	debit	duration	0	(14)	(11)
Benefits paid	us-gaap_DefinedBenefitPlanBenefitObligationBenefitsPaid	us-gaap_	xbrli:monetaryItemType	credit	duration	(11)	(4)	(5)
Retiree contributions	us-gaap_DefinedBenefitPlanBenefitObligationContributionsByPlanParticipant	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0
Projected benefit obligation at end of year	us-gaap_DefinedBenefitPlanBenefitObligation	us-gaap_	xbrli:monetaryItemType	credit	instant	233	199	187
<b>Change in Plan Assets</b>	us-gaap_DefinedBenefitPlanChangeInFairValueOfPlanAssetsRollForward	us-gaap_	xbrli:stringItemType	na	duration			
Fair value of plan assets at beginning of year	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	228	208	238
Actual return on plan assets	us-gaap_DefinedBenefitPlanActualReturnOnPlanAssetsStillHeld	us-gaap_	xbrli:monetaryItemType	debit	duration	31	25	(6)
Foreign currency exchange rates	us-gaap_DefinedBenefitPlanPlanAssetsForeignCurrencyTranslationGainLoss	us-gaap_	xbrli:monetaryItemType	credit	duration	9	8	(13)
Employer contributions	us-gaap_DefinedBenefitPlanContributionsByEmployer	us-gaap_	xbrli:monetaryItemType	debit	duration	5	5	5
Plan settlements	us-gaap_DefinedBenefitPlanSettlementsPlanAssets	us-gaap_	xbrli:monetaryItemType	credit	duration	0	(14)	(11)
Benefits paid	us-gaap_DefinedBenefitPlanPlanAssetsBenefitsPaid	us-gaap_	xbrli:monetaryItemType	credit	duration	(11)	(4)	(5)
Retiree contributions	us-gaap_DefinedBenefitPlanPlanAssetsContributionsByPlanParticipant	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0
Fair value of plan assets at end of year	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbrli:monetaryItemType	debit	instant	262	228	208
Funded status at end of year	us-gaap_DefinedBenefitPlanFundedStatusOfPlan	us-gaap_	xbrli:monetaryItemType	debit	instant	29	29	21
<b>Amounts recognized in Consolidated Balance Sheet</b>	us-gaap_DefinedBenefitPlanAmountsRecognizedInBalanceSheetAbstract	us-gaap_	xbrli:stringItemType	na	duration			
Current liability	us-gaap_PensionAndOtherPostretirementDefinedBenefitPlansCurrentLiabilities	us-gaap_	xbrli:monetaryItemType	credit	instant	0	0	0
Non-current asset	us-gaap_DefinedBenefitPlanAssetsForPlanBenefitsNoncurrent	us-gaap_	xbrli:monetaryItemType	debit	instant	29	29	21
Amounts recognized in Consolidated Balance Sheet	us-gaap_DefinedBenefitPlanAmountsRecognizedInBalanceSheet	us-gaap_	xbrli:monetaryItemType	debit	instant	29	29	21
<b>Pre-tax Amounts Recognized in Accumulated Other Comprehensive Income (Loss)</b>	us-gaap_DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeBeforeTaxAbstract	us-gaap_	xbrli:stringItemType	na	duration			
Accumulated gain (loss)	us-gaap_DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeNetGainsLossesBeforeTax	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ (11)	\$ (7)	\$ (13)
<b>Weighted Average Assumptions used as of December 31</b>	us-gaap_DefinedBenefitPlanWeightedAverageAssumptionsUsedInCalculatingBenefitObligationAbstract	us-gaap_	xbrli:stringItemType	na	duration			
Discount rate	us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate	us-gaap_	num:percentItemType	na	instant	1.40%	2.10%	2.90%
Salary increases	us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationRateOfCompensationIncrease	us-gaap_	num:percentItemType	na	instant	4.50%	4.30%	4.70%
Expected return on assets	apa_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationExpectedReturnOnAssets	apa_	num:percentItemType	na	duration	2.20%	2.20%	2.80%
Postretirement Benefits	us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember		na					
<b>Change in Projected Benefit Obligation</b>	us-gaap_DefinedBenefitPlanChangeInBenefitObligationRollForward	us-gaap_	xbrli:stringItemType	na	duration			
Projected benefit obligation at beginning of year	us-gaap_DefinedBenefitPlanBenefitObligation	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 20	\$ 27	\$ 27
Service cost	us-gaap_DefinedBenefitPlanServiceCost	us-gaap_	xbrli:monetaryItemType	debit	duration	1	2	2
Interest cost	us-gaap_DefinedBenefitPlanInterestCost	us-gaap_	xbrli:monetaryItemType	debit	duration	0	1	1
Foreign currency exchange rates	us-gaap_DefinedBenefitPlanForeignCurrencyExchangeRateChangesBenefitObligation	us-gaap_	xbrli:monetaryItemType	credit	duration	0	0	0
Actuarial losses (gains)	us-gaap_DefinedBenefitPlanActuarialGainLoss	us-gaap_	xbrli:monetaryItemType	credit	duration	1	(9)	(2)
Plan settlements	us-gaap_DefinedBenefitPlanAccumulatedBenefitObligationIncreaseDecreaseForSettlementAndCurtailment	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0
Benefits paid	us-gaap_DefinedBenefitPlanBenefitObligationBenefitsPaid	us-gaap_	xbrli:monetaryItemType	credit	duration	(4)	(2)	(3)
Retiree contributions	us-gaap_DefinedBenefitPlanBenefitObligationContributionsByPlanParticipant	us-gaap_	xbrli:monetaryItemType	debit	duration	2	1	2
Projected benefit obligation at end of year	us-gaap_DefinedBenefitPlanBenefitObligation	us-gaap_	xbrli:monetaryItemType	credit	instant	20	20	27
<b>Change in Plan Assets</b>	us-gaap_DefinedBenefitPlanChangeInFairValueOfPlanAssetsRollForward	us-gaap_	xbrli:stringItemType	na	duration			

Fair value of plan assets at beginning of year	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType	debit	instant	0	0	0
Actual return on plan assets	us-gaap_DefinedBenefitPlanActualReturnOnPlanAssetsStillHeld	us-gaap_	xbri:monetaryItemType	debit	duration	0	0	0
Foreign currency exchange rates	us-gaap_DefinedBenefitPlanPlanAssetsForeignCurrencyTranslationGainLoss	us-gaap_	xbri:monetaryItemType	credit	duration	0	0	0
Employer contributions	us-gaap_DefinedBenefitPlanContributionsByEmployer	us-gaap_	xbri:monetaryItemType	debit	duration	2	1	2
Plan settlements	us-gaap_DefinedBenefitPlanSettlementsPlanAssets	us-gaap_	xbri:monetaryItemType	credit	duration	0	0	0
Benefits paid	us-gaap_DefinedBenefitPlanPlanAssetsBenefitsPaid	us-gaap_	xbri:monetaryItemType	credit	duration	(4)	(2)	(4)
Retiree contributions	us-gaap_DefinedBenefitPlanPlanAssetsContributionsByPlanParticipant	us-gaap_	xbri:monetaryItemType	debit	duration	2	1	2
Fair value of plan assets at end of year	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType	debit	instant	0	0	0
Funded status at end of year	us-gaap_DefinedBenefitPlanFundedStatusOfPlan	us-gaap_	xbri:monetaryItemType	debit	instant	(20)	(20)	(27)
<b>Amounts recognized in Consolidated Balance Sheet</b>	us-gaap_DefinedBenefitPlanAmountsRecognizedInBalanceSheetAbstract	us-gaap_	xbri:stringItemType	na	duration			
Current liability	us-gaap_PensionAndOtherPostretirementDefinedBenefitPlansCurrentLiabilities	us-gaap_	xbri:monetaryItemType	credit	instant	(2)	(2)	(2)
Non-current liability	us-gaap_PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	(18)	(18)	(25)
Amounts recognized in Consolidated Balance Sheet	us-gaap_DefinedBenefitPlanAmountsRecognizedInBalanceSheet	us-gaap_	xbri:monetaryItemType	debit	instant	(20)	(20)	(27)
<b>Pre-tax Amounts Recognized in Accumulated Other Comprehensive Income (Loss)</b>	us-gaap_DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeBeforeTaxAbstract	us-gaap_	xbri:stringItemType	na	duration			
Accumulated gain (loss)	us-gaap_DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeNetGainsLossesBeforeTax	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 16	\$ 19	\$ 10
<b>Weighted Average Assumptions used as of December 31</b>	us-gaap_DefinedBenefitPlanWeightedAverageAssumptionsUsedInCalculatingBenefitObligationAbstract	us-gaap_	xbri:stringItemType	na	duration			
Discount rate	us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate	us-gaap_	num:percentItemType	na	instant	2.06%	3.00%	4.13%
<b>Healthcare cost trend</b>	apa_HealthCareCostTrendAbstract	apa_	xbri:stringItemType	na	duration			
Initial	us-gaap_DefinedBenefitPlanHealthCareCostTrendRateAssumedNextFiscalYear	us-gaap_	num:percentItemType	na	instant	6.00%	6.25%	6.50%
Ultimate in 2025	us-gaap_DefinedBenefitPlanUltimateHealthCareCostTrendRate1	us-gaap_	num:percentItemType	na	instant	5.00%	5.00%	5.00%

+ References + Details

## Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS - Allocations for Plan Asset Holding and Target Allocation for Company's Plan Asset (Details)

RETIREMENT AND DEFERRED COMPENSATION PLANS - Allocations for Plan Asset Holding and Target Allocation for Company's Plan Asset (Details)	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Target Allocation	us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage	us-gaap_	num:percentItemType	na	instant	100.00%	
Percentage of Plan Assets at Year-End	us-gaap_DefinedBenefitPlanWeightedAverageAssetAllocations	us-gaap_	num:percentItemType	na	instant	100.00%	100.00%
Equity securities	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanEquitySecuritiesMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Target Allocation	us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage	us-gaap_	num:percentItemType	na	instant	19.00%	
Percentage of Plan Assets at Year-End	us-gaap_DefinedBenefitPlanWeightedAverageAssetAllocations	us-gaap_	num:percentItemType	na	instant	19.00%	23.00%
Overseas quoted equities	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanEquitySecuritiesNonUsMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Target Allocation	us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage	us-gaap_	num:percentItemType	na	instant	19.00%	
Percentage of Plan Assets at Year-End	us-gaap_DefinedBenefitPlanWeightedAverageAssetAllocations	us-gaap_	num:percentItemType	na	instant	19.00%	23.00%
Debt securities	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanDebtSecurityMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Target Allocation	us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage	us-gaap_	num:percentItemType	na	instant	81.00%	
Percentage of Plan Assets at Year-End	us-gaap_DefinedBenefitPlanWeightedAverageAssetAllocations	us-gaap_	num:percentItemType	na	instant	80.00%	77.00%
U.K. government bonds	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_ForeignGovernmentDebtSecuritiesMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Target Allocation	us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage	us-gaap_	num:percentItemType	na	instant	65.00%	
Percentage of Plan Assets at Year-End	us-gaap_DefinedBenefitPlanWeightedAverageAssetAllocations	us-gaap_	num:percentItemType	na	instant	64.00%	62.00%
U.K. corporate bonds	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_ForeignCorporateDebtSecuritiesMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Target Allocation	us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage	us-gaap_	num:percentItemType	na	instant	16.00%	
Percentage of Plan Assets at Year-End	us-gaap_DefinedBenefitPlanWeightedAverageAssetAllocations	us-gaap_	num:percentItemType	na	instant	16.00%	15.00%
Cash	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanCashMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Target Allocation	us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage	us-gaap_	num:percentItemType	na	instant	0.00%	
Percentage of Plan Assets at Year-End	us-gaap_DefinedBenefitPlanWeightedAverageAssetAllocations	us-gaap_	num:percentItemType	na	instant	1.00%	0.00%

+ References + Details

Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS - Fair Values of Plan Assets for Each Major Asset Category Based on Nature and Significant Concentration of Risks in Plan Assets (Details)

RETIREMENT AND DEFERRED COMPENSATION PLANS - Fair Values of Plan Assets for Each Major Asset Category Based on Nature and Significant Concentration of Risks in Plan Assets (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Fair value of plan assets	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType debit		instant	\$ 262	\$ 228
Equity securities	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanEquitySecuritiesMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Fair value of plan assets	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType debit		instant	49	52
Overseas quoted equities	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanEquitySecuritiesNonUsMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Fair value of plan assets	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType debit		instant	49	52
Debt securities	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanDebtSecurityMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Fair value of plan assets	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType debit		instant	211	175
U.K. government bonds	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_ForeignGovernmentDebtSecuritiesMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Fair value of plan assets	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType debit		instant	168	140
U.K. corporate bonds	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_ForeignCorporateDebtSecuritiesMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Fair value of plan assets	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType debit		instant	43	35
Cash	us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis=us-gaap_DefinedBenefitPlanCashMember		na				
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbri:stringItemType	na	duration		
Fair value of plan assets	us-gaap_DefinedBenefitPlanFairValueOfPlanAssets	us-gaap_	xbri:monetaryItemType debit		instant	\$ 2	\$ 1

+ References + Details

Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS - Components of Net Periodic Cost and Underlying Weighted Average Actuarial Assumptions Used for Pension and Postretirement Benefit Plans (Details)

RETIREMENT AND DEFERRED COMPENSATION PLANS - Components of Net Periodic Cost and Underlying Weighted Average Actuarial Assumptions Used for Pension and Postretirement Benefit Plans (Details) - USD (\$) \$ in Millions	XBRL Details							12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018		
<b>Weighted Average Assumptions Used to Determine Net Periodic Benefit Cost for the Years Ended December 31</b>	us-gaap_DefinedBenefitPlanWeightedAverageAssumptionsUsedInCalculatingNetPeriodicBenefitCostAbstract	us-gaap_	xbri:stringItemType	na	duration					
Salary increases	us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostRateOfCompensationIncrease	us-gaap_	num:percentItemType	na	duration	4.30%	4.70%	4.70%		
Expected return on assets	us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostExpectedLongTermReturnOnAssets	us-gaap_	num:percentItemType	na	duration	2.20%	2.80%	2.90%		
<b>Pension Benefits</b>	us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember		na							
<b>Components of Net Periodic Benefit Cost</b>	us-gaap_DefinedBenefitPlanNetPeriodicBenefitCostAbstract	us-gaap_	xbri:stringItemType	na	duration					
Service cost	us-gaap_DefinedBenefitPlanServiceCost	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 3	\$ 3	\$ 4		
Interest cost	us-gaap_DefinedBenefitPlanInterestCost	us-gaap_	xbri:monetaryItemType	debit	duration	4	5	5		
Expected return on assets	us-gaap_DefinedBenefitPlanExpectedReturnOnPlanAssets	us-gaap_	xbri:monetaryItemType	credit	duration	(5)	(5)	(7)		
Amortization of gain	us-gaap_DefinedBenefitPlanAmortizationOfGainsLosses	us-gaap_	xbri:monetaryItemType	credit	duration	0	0	0		
Settlement loss	us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1	us-gaap_	xbri:monetaryItemType	credit	duration	0	0	1		
Net periodic benefit cost	us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 2	\$ 3	\$ 3		
<b>Weighted Average Assumptions Used to Determine Net Periodic Benefit Cost for the Years Ended December 31</b>	us-gaap_DefinedBenefitPlanWeightedAverageAssumptionsUsedInCalculatingNetPeriodicBenefitCostAbstract	us-gaap_	xbri:stringItemType	na	duration					
Discount rate	us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostDiscountRate	us-gaap_	num:percentItemType	na	duration	2.10%	2.90%	2.60%		
<b>Postretirement Benefits</b>	us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember		na							
<b>Components of Net Periodic Benefit Cost</b>	us-gaap_DefinedBenefitPlanNetPeriodicBenefitCostAbstract	us-gaap_	xbri:stringItemType	na	duration					
Service cost	us-gaap_DefinedBenefitPlanServiceCost	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 1	\$ 2	\$ 2		
Interest cost	us-gaap_DefinedBenefitPlanInterestCost	us-gaap_	xbri:monetaryItemType	debit	duration	0	1	1		
Expected return on assets	us-gaap_DefinedBenefitPlanExpectedReturnOnPlanAssets	us-gaap_	xbri:monetaryItemType	credit	duration	0	0	0		
Amortization of gain	us-gaap_DefinedBenefitPlanAmortizationOfGainsLosses	us-gaap_	xbri:monetaryItemType	credit	duration	(1)	(1)	0		
Settlement loss	us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1	us-gaap_	xbri:monetaryItemType	credit	duration	0	0	0		
Net periodic benefit cost	us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 0	\$ 2	\$ 3		
<b>Weighted Average Assumptions Used to Determine Net Periodic Benefit Cost for the Years Ended December 31</b>	us-gaap_DefinedBenefitPlanWeightedAverageAssumptionsUsedInCalculatingNetPeriodicBenefitCostAbstract	us-gaap_	xbri:stringItemType	na	duration					
Discount rate	us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostDiscountRate	us-gaap_	num:percentItemType	na	duration	3.00%	4.13%	3.44%		
<b>Healthcare cost trend</b>	us-gaap_DefinedBenefitPlanAssumedHealthCareCostTrendRatesAbstract	us-gaap_	xbri:stringItemType	na	duration					
Initial	apa_DefinedBenefitPlanHealthCareCostTrendRateAssumedforNextFiscalYearHistoricalActual	apa_	num:percentItemType	na	duration	6.25%	6.50%	6.75%		
Ultimate in 2025	us-gaap_DefinedBenefitPlanUltimateHealthCareCostTrendRate1	us-gaap_	num:percentItemType	na	instant	5.00%	5.00%	5.00%		

+ References + Details

## Cover - RETIREMENT AND DEFERRED COMPENSATION PLANS - Expected Future Benefit Payment (Details)

RETIREMENT AND DEFERRED COMPENSATION PLANS - Expected Future Benefit Payment (Details) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 USD (\$)
Pension Benefits	us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember		na			
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbrli:stringItemType	na	duration	
2021	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsNextTwelveMonths	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 5
2022	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearTwo	us-gaap_	xbrli:monetaryItemType	credit	instant	6
2023	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearThree	us-gaap_	xbrli:monetaryItemType	credit	instant	7
2024	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFour	us-gaap_	xbrli:monetaryItemType	credit	instant	6
2025	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFive	us-gaap_	xbrli:monetaryItemType	credit	instant	6
Years 2026-2030	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsFiveFiscalYearsThereafter	us-gaap_	xbrli:monetaryItemType	credit	instant	36
Postretirement Benefits	us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember		na			
<b>Defined Benefit Plan Disclosure [Line Items]</b>	us-gaap_DefinedBenefitPlanDisclosureLineItems	us-gaap_	xbrli:stringItemType	na	duration	
2021	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsNextTwelveMonths	us-gaap_	xbrli:monetaryItemType	credit	instant	2
2022	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearTwo	us-gaap_	xbrli:monetaryItemType	credit	instant	2
2023	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearThree	us-gaap_	xbrli:monetaryItemType	credit	instant	2
2024	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFour	us-gaap_	xbrli:monetaryItemType	credit	instant	2
2025	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFive	us-gaap_	xbrli:monetaryItemType	credit	instant	2
Years 2026-2030	us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsFiveFiscalYearsThereafter	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 6

+ References + Details

## Cover - REDEEMABLE NONCONTROLLING INTEREST - ALTUS - Additional Information (Details)

REDEEMABLE NONCONTROLLING INTEREST - ALTUS - Additional Information (Details) \$ in Millions	XBRL Details						12 Months Ended			
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Jun. 12, 2019 USD (\$) qtr	Dec. 31, 2020 USD (\$)	Dec. 31, 2019 USD (\$)	Dec. 31, 2018 USD (\$)	
Class of Stock [Line Items]	us-gaap_ClassOfStockLineItems	us-gaap_	xbri:stringItemType	na	duration					
Redeemable noncontrolling interest - Altus Preferred Unit limited partners	us-gaap_ProceedsFromIssuanceOrSaleOfEquity	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 0	\$ 611	\$ 0		
Altus Midstream LP	dei_LegalEntityAxis=apa_AltusMidstreamLPMember		na							
Class of Stock [Line Items]	us-gaap_ClassOfStockLineItems	us-gaap_	xbri:stringItemType	na	duration					
Preferred Units, redemption terms, internal rate of return	apa_RedeemableNoncontrollingInterestEquityPreferredRedemptionTermsInternalRateOfReturn	apa_	num:percentItemType	na	instant	11.50%				
Preferred Units embedded derivative	us-gaap_DerivativeLiabilitiesNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 94	\$ 139			
Altus Midstream LP   Redeemable Noncontrolling Interest - Altus Preferred Unit Limited Partners	dei_LegalEntityAxis=apa_AltusMidstreamLPMember		na							
Class of Stock [Line Items]	us-gaap_ClassOfStockLineItems	us-gaap_	xbri:stringItemType	na	duration					
Aggregate issue price of Preferred Units	us-gaap_SaleOfStockConsiderationReceivedOnTransaction	us-gaap_	xbri:monetaryItemType	debit	duration	625				
Redeemable noncontrolling interest - Altus Preferred Unit limited partners	us-gaap_ProceedsFromIssuanceOrSaleOfEquity	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 611				
Preferred Units, quarterly distribution rate per annum	apa_RedeemableNoncontrollingInterestEquityPreferredDividendRatePercentage	apa_	num:percentItemType	na	duration	7.00%				
Preferred Units, increased quarterly distribution rate per annum upon specified events	apa_IncreasedRedeemableNoncontrollingInterestEquityPreferredDividendRatePercentageUponSpecifiedEvents	apa_	num:percentItemType	na	duration	10.00%				
Preferred Units, distribution in-kind, number of quarters after issuance   qtr	apa_RedeemableNoncontrollingInterestDistributionInKindNumberOfQuartersAfterIssuance	apa_	xbri:integerItemType	na	duration	6				
Preferred Units, redemption terms, internal rate of return	apa_RedeemableNoncontrollingInterestEquityPreferredRedemptionTermsInternalRateOfReturn	apa_	num:percentItemType	na	instant	11.50%				
Preferred Units, redemption terms, internal rate of return after fifth anniversary of closing	apa_RedeemableNoncontrollingInterestEquityPreferredRedemptionTermsInternalRateOfReturnAfterFifthAnniversaryOfClosing	apa_	num:percentItemType	na	instant	13.75%				
Preferred Units, redemption terms, multiple of invested capital	apa_RedeemableNoncontrollingInterestEquityPreferredRedemptionTermsMultipleOfInvestedCapital	apa_	xbri:pureItemType	na	instant	1.3	1.3			
Preferred Units, exchangeable, number of preceding trading days	apa_PreferredUnitsExchangeableNumberOfPrecedingTradingDays	apa_	xbri:durationItemType	na	duration	20 days				
Preferred Units, exchangeable, discount percentage	apa_PreferredUnitsExchangeableDiscountPercentage	apa_	num:percentItemType	na	instant	6.00%				
Maximum amount of distributions to common unit holders	apa_RedeemableNoncontrollingInterestEquityPreferredMaximumAmountOfDistributionsToCommonUnitHolders	apa_	xbri:monetaryItemType	debit	duration	\$ 650				
Issue discount	apa_RedeemableNoncontrollingInterestEquityPreferredIssueDiscount	apa_	xbri:monetaryItemType	credit	duration	4				
Transaction costs	us-gaap_PaymentsOfStockIssuanceCosts	us-gaap_	xbri:monetaryItemType	credit	duration	10				
Preferred Units embedded derivative	us-gaap_DerivativeLiabilitiesNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 94				

+ References + Details

## Cover - REDEMABLE NONCONTROLLING INTEREST - ALTUS - Schedule of Preferred Units (Details)

REDEMABLE NONCONTROLLING INTEREST - ALTUS - Schedule of Preferred Units (Details) - Altus Midstream LP - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Jun. 12, 2019
<b>Class of Stock [Line Items]</b>	us-gaap_ClassOfStockLineItems	us-gaap_	xbri:stringItemType	na	duration		
Preferred Units embedded derivative	us-gaap_DerivativeLiabilitiesNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant	\$ 139	\$ 94
Redeemable Noncontrolling Interest - Altus Preferred Unit Limited Partners	dei_LegalEntityAxis=apa_AltusMidstreamLPMember		na				
<b>Class of Stock [Line Items]</b>	us-gaap_ClassOfStockLineItems	us-gaap_	xbri:stringItemType	na	duration		
Redeemable noncontrolling interest - Altus Preferred Unit limited partners	us-gaap_RedeemableNoncontrollingInterestEquityPreferredCarryingAmount	us-gaap_	xbri:monetaryItemType	credit	instant		517
Preferred Units embedded derivative	us-gaap_DerivativeLiabilitiesNoncurrent	us-gaap_	xbri:monetaryItemType	credit	instant		94
Transaction price, net	apa_RedeemableNoncontrollingInterestEquityPreferredTransactionPriceNet	apa_	xbri:monetaryItemType	credit	instant		\$ 611

+ References + Details



## Cover - REDEEMABLE NONCONTROLLING INTEREST - ALTUS - Activity Related to Preferred Units (Details)

REDEEMABLE NONCONTROLLING INTEREST - ALTUS - Activity Related to Preferred Units (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Jun. 12, 2019
<b>Increase (Decrease) in Temporary Equity [Roll Forward]</b>	us-gaap_IncreaseDecreaseInTemporaryEquityRollForward	us- gaap_	xbri:stringItemType	na	duration			
Beginning balance	us-gaap_RedeemableNoncontrollingInterestEquityCarryingAmount	us- gaap_	xbri:monetaryItemType credit		instant	\$ 555		
Ending balance	us-gaap_RedeemableNoncontrollingInterestEquityCarryingAmount	us- gaap_	xbri:monetaryItemType credit		instant	608	\$ 555	
Redeemable Noncontrolling Interest - Altus Preferred Unit Limited Partners	us-gaap_StatementClassOfStockAxis=us-gaap_RedeemablePreferredStockMember		na					
<b>Increase (Decrease) in Temporary Equity [Roll Forward]</b>	us-gaap_IncreaseDecreaseInTemporaryEquityRollForward	us- gaap_	xbri:stringItemType	na	duration			
Beginning balance	us-gaap_RedeemableNoncontrollingInterestEquityCarryingAmount	us- gaap_	xbri:monetaryItemType credit		instant	555	0	
Issuance of Altus Preferred Units	us-gaap_TemporaryEquityStockIssuedDuringPeriodValueNewIssues	us- gaap_	xbri:monetaryItemType credit		duration		517	
Allocation of Altus Midstream LP net income	us-gaap_TemporaryEquityNetIncome	us- gaap_	xbri:monetaryItemType credit		duration	76	38	
Ending balance	us-gaap_RedeemableNoncontrollingInterestEquityCarryingAmount	us- gaap_	xbri:monetaryItemType credit		instant	608	\$ 555	
Altus Midstream LP	dei_LegalEntityAxis=apa_AltusMidstreamLPMember		na					
<b>Increase (Decrease) in Temporary Equity [Roll Forward]</b>	us-gaap_IncreaseDecreaseInTemporaryEquityRollForward	us- gaap_	xbri:stringItemType	na	duration			
Preferred Units embedded derivative	us-gaap_DerivativeLiabilitiesNoncurrent	us- gaap_	xbri:monetaryItemType credit		instant	139		\$ 94
Redeemable noncontrolling interest, net of embedded derivative liability	apa_RedeemableNoncontrollingInterestIncludingEmbeddedDerivativeLiability	apa_	xbri:monetaryItemType credit		instant	\$ 747		
Preferred Units, redemption terms, internal rate of return	apa_RedeemableNoncontrollingInterestEquityPreferredRedemptionTermsInternalRateOfReturn	apa_	num:percentItemType	na	instant	11.50%		
Preferred units, invested capital	apa_PreferedUnitsInvestedCapital	apa_	xbri:monetaryItemType debit		instant	\$ 813		
Preferred units, redemption price	apa_PreferedUnitsRedemptionPrice	apa_	xbri:monetaryItemType debit		instant	\$ 717		
Altus Midstream LP   Redeemable Noncontrolling Interest - Altus Preferred Unit Limited Partners	dei_LegalEntityAxis=apa_AltusMidstreamLPMember		na					
<b>Movement In Preferred Units [Roll Forward]</b>	apa_MovementInPreferredUnitsRollForward	apa_	xbri:stringItemType	na	duration			
Preferred Units: beginning of period (in shares)	us-gaap_TemporaryEquitySharesOutstanding	us- gaap_	xbri:sharesItemType	na	instant	638,163	0	
Issuance of Preferred Units, net (in shares)	apa_TemporaryEquityStockIssuedDuringPeriodSharesNewIssues	apa_	xbri:sharesItemType	na	duration		625,000	
Distribution of in-kind additional Preferred Units (in shares)	apa_TemporaryEquityDistributionOfInKindAdditionalPreferredUnitsShares	apa_	xbri:sharesItemType	na	duration	22,531	13,163	
Cash distributions to Altus Preferred Unit limited partners (in shares)	apa_RedeemableNoncontrollingInterestEquityCashDistributionsToPreferredUnitLimitedPartnersShares	apa_	xbri:sharesItemType	na	duration	0		
Preferred Units: end of period (in shares)	us-gaap_TemporaryEquitySharesOutstanding	us- gaap_	xbri:sharesItemType	na	instant	660,694	638,163	
<b>Increase (Decrease) in Temporary Equity [Roll Forward]</b>	us-gaap_IncreaseDecreaseInTemporaryEquityRollForward	us- gaap_	xbri:stringItemType	na	duration			
Beginning balance	us-gaap_RedeemableNoncontrollingInterestEquityCarryingAmount	us- gaap_	xbri:monetaryItemType credit		instant	\$ 555	\$ 0	
Issuance of Altus Preferred Units	us-gaap_TemporaryEquityStockIssuedDuringPeriodValueNewIssues	us- gaap_	xbri:monetaryItemType credit		duration		517	
Distribution of in-kind additional Preferred Units	apa_TemporaryEquityDistributionOfInKindAdditionalPreferredUnitsValue	apa_	xbri:monetaryItemType credit		duration	0	0	
Cash distributions to Altus Preferred Unit limited partners	apa_RedeemableNoncontrollingInterestEquityCashDistributionsToPreferredUnitLimitedPartners	apa_	xbri:monetaryItemType debit		duration	(23)		
Allocation of Altus Midstream LP net income	us-gaap_TemporaryEquityNetIncome	us- gaap_	xbri:monetaryItemType credit		duration	76	38	
Ending balance	us-gaap_RedeemableNoncontrollingInterestEquityCarryingAmount	us- gaap_	xbri:monetaryItemType credit		instant	\$ 608	\$ 555	
Preferred Units embedded derivative	us-gaap_DerivativeLiabilitiesNoncurrent	us- gaap_	xbri:monetaryItemType credit		instant			\$ 94
Preferred Units, redemption terms, internal rate of return	apa_RedeemableNoncontrollingInterestEquityPreferredRedemptionTermsInternalRateOfReturn	apa_	num:percentItemType	na	instant			11.50%
Preferred Units, redemption terms, multiple of invested capital	apa_RedeemableNoncontrollingInterestEquityPreferredRedemptionTermsMultipleOfInvestedCapital	apa_	xbri:pureItemType	na	instant	1.3		1.3

+ References + Details

## Cover - CAPITAL STOCK - Common Stock Outstanding (Details)

CAPITAL STOCK - Common Stock Outstanding (Details) - shares	XBRL Details					12 Months Ended			91 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2020
<b>Movement In Common Stock Outstanding [Roll Forward]</b>	apa_MovementInCommonStockOutstandingRollForward	apa_	xbrli:stringItemType	na	duration				
Balance, beginning of year (in shares)	us-gaap_CommonStockSharesOutstanding	us-gaap_	xbrli:sharesItemType	na	instant	376,062,670	374,696,222	380,954,864	
<b>Shares issued for stock-based compensation plans:</b>	apa_SharesIssuedForStockBasedCompensationPlansAbstract	apa_	xbrli:stringItemType	na	duration				
Treasury shares issued (in shares)	us-gaap_StockIssuedDuringPeriodSharesTreasuryStockReissued	us-gaap_	xbrli:sharesItemType	na	duration	17,448	31,701	2,454	
Common shares issued (in shares)	us-gaap_StockIssuedDuringPeriodSharesShareBasedCompensationGross	us-gaap_	xbrli:sharesItemType	na	duration	1,402,512	1,334,747	1,566,237	
Treasury shares acquired (in shares)	us-gaap_TreasuryStockSharesAcquired	us-gaap_	xbrli:sharesItemType	na	duration	0	0	(7,827,333)	(40,000,000)
Balance, end of year (in shares)	us-gaap_CommonStockSharesOutstanding	us-gaap_	xbrli:sharesItemType	na	instant	377,482,630	376,062,670	374,696,222	377,482,630

+ References + Details

## Cover - CAPITAL STOCK - Net Income Per Common Share (Details)

CAPITAL STOCK - Net Income Per Common Share (Details) - USD (\$) \$ / shares in Units, shares in Millions, \$ in Millions	XBRL Details						12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Basic:</b>	us-gaap_EarningsPerShareBasicAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Net loss attributable to common stock	us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic	us-gaap_	xbrli:monetaryItemType	credit	duration		\$ (4,860)	\$ (3,553)	\$ 40
Weighted average number of shares outstanding, basic (in shares)	us-gaap_WeightedAverageNumberOfSharesOutstandingBasic	us-gaap_	xbrli:sharesItemType	na	duration		378	377	382
Basic net income (loss) per share (in USD per share)	us-gaap_EarningsPerShareBasic	us-gaap_	num:perShareItemType	na	duration		\$ (12.86)	\$ (9.43)	\$ 0.11
<b>Effect of Dilutive Securities:</b>	us-gaap_DilutiveSecuritiesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Stock options and other, shares (in shares)	us-gaap_WeightedAverageNumberDilutedSharesOutstandingAdjustment	us-gaap_	xbrli:sharesItemType	na	duration		0	0	2
Stock options and other, per share (in USD per share)	apa_EarningsPerShareDilutiveSecuritiesEffectOnBasicEarningsPerShare	apa_	num:perShareItemType	na	duration		\$ 0	\$ 0	\$ 0
<b>Diluted:</b>	us-gaap_EarningsPerShareDilutedAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Income (loss) attributable to common stock	us-gaap_NetIncomeLossAvailableToCommonStockholdersDiluted	us-gaap_	xbrli:monetaryItemType	credit	duration		\$ (4,860)	\$ (3,553)	\$ 40
Weighted average number of shares outstanding, diluted (in shares)	us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding	us-gaap_	xbrli:sharesItemType	na	duration		378	377	384
Diluted net income (loss) per share (in USD per share)	us-gaap_EarningsPerShareDiluted	us-gaap_	num:perShareItemType	na	duration		\$ (12.86)	\$ (9.43)	\$ 0.11

+ References + Details

## Cover - CAPITAL STOCK - Additional Information (Details)

CAPITAL STOCK - Additional Information (Details) - USD (\$) \$ / shares in Units, \$ in Millions	XBRL Details					1 Months Ended	3 Months Ended	12 Months Ended			91 Months Ended						
	XBRL Tag Name					XBRL Prefix	Data Type	Balance Type	Period Type	Jan. 31, 2021	Mar. 31, 2020	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	Dec. 31, 2020	Dec. 31, 2014	Dec. 31, 2013
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Options and restricted stock, anti-dilutive (in shares)	us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount	us-gaap_	xbrl:sharesItemType	na	duration						4,500,000	5,000,000.0	5,600,000				
Common stock share purchase, shares (in shares)	us-gaap_StockRepurchaseProgramNumberOfSharesAuthorizedToBeRepurchased	us-gaap_	xbrl:sharesItemType	na	instant								40,000,000			40,000,000	40,000,000
Treasury shares acquired (in shares)	us-gaap_TreasuryStockSharesAcquired	us-gaap_	xbrl:sharesItemType	na	duration						0	0	7,827,333	40,000,000			
Common stock share repurchase price (in USD per share)	us-gaap_TreasuryStockAcquiredAverageCostPerShare	us-gaap_	num:perShareItemType	na	duration									\$ 79.18			
Common stock, quarterly dividend (in USD per share)	apa_CommonStockQuarterlyDividendsPerShare	apa_	num:perShareItemType	na	duration					\$ 0.025		\$ 0.25					
Common stock, dividends, per share (in USD per share)	us-gaap_CommonStockDividendsPerShareDeclared	us-gaap_	num:perShareItemType	na	duration						\$ 0.10	\$ 1.00	\$ 1.00				
Shares authorized and available for grant (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant	us-gaap_	xbrl:sharesItemType	na	instant						14,100,000				14,100,000		
Shares issued in the period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross	us-gaap_	xbrl:sharesItemType	na	duration						0	0					
Shares exercised in the period (in shares)	us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised	us-gaap_	xbrl:sharesItemType	na	duration						0	0	(29,000)				
Intrinsic value of options exercised	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisesInPeriodTotalIntrinsicValue	us-gaap_	xbrl:monetaryItemType	debit	duration								\$ 0.1				
Stock-settled and cash-settled compensation expensed	us-gaap_AllocatedShareBasedCompensationExpense	us-gaap_	xbrl:monetaryItemType	debit	duration						\$ 40.0	\$ 110.0	157.0				
Stock-settled and cash-settled compensation capitalized	us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount	us-gaap_	xbrl:monetaryItemType	debit	duration						7.0	28.0	37.0				
Stock Option	us-gaap_AwardTypeAxis=us-gaap_EmployeeStockOptionMember		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Total compensation cost related to non-vested awards not yet recognized	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbrl:monetaryItemType	debit	instant						0.0			\$ 0.0			
Restricted Stock	us-gaap_AwardTypeAxis=us-gaap_RestrictedStockMember		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Total compensation cost related to non-vested awards not yet recognized	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbrl:monetaryItemType	debit	instant						14.0			14.0			
Stock-settled and cash-settled compensation expensed	us-gaap_AllocatedShareBasedCompensationExpense	us-gaap_	xbrl:monetaryItemType	debit	duration						39.0	104.0	101.0				
Stock-settled and cash-settled compensation capitalized	us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount	us-gaap_	xbrl:monetaryItemType	debit	duration						\$ 6.0	\$ 24.0	\$ 29.0				
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbrl:sharesItemType	na	duration						1,352,000	1,479,000	608,000				
Weighted average grant date fair value per share (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration						\$ 24.60	\$ 36.81	\$ 45.59				
Restricted Stock   Subsequent Event	us-gaap_AwardTypeAxis=us-gaap_RestrictedStockMember		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Period in which stock options become exercisable	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1	us-gaap_	xbrl:durationItemType	na	duration	3 years											
Total compensation cost related to non-vested awards not yet recognized	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbrl:monetaryItemType	debit	instant	\$ 22.0											
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbrl:sharesItemType	na	duration	1,354,349											
Weighted average grant date fair value per share (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration	\$ 16.18											
Restricted Stock   Subsequent Event   ALTM	us-gaap_AwardTypeAxis=us-gaap_RestrictedStockMember		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Weighted average grant date fair value per share (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration	\$ 48.84											
Phantom Units	us-gaap_AwardTypeAxis=us-gaap_PhantomShareUnitsPSUsMember		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Total compensation cost related to non-vested awards not yet recognized	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbrl:monetaryItemType	debit	instant	\$ 28.0					\$ 28.0						
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbrl:sharesItemType	na	duration						3,462,000	4,831,000	1,973,000				
Phantom Units   Subsequent Event	us-gaap_AwardTypeAxis=us-gaap_PhantomShareUnitsPSUsMember		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Total compensation cost related to non-vested awards not yet recognized	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbrl:monetaryItemType	debit	instant	\$ 71.0											
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbrl:sharesItemType	na	duration	4,360,656											
Phantom Units   Subsequent Event   ALTM	us-gaap_AwardTypeAxis=us-gaap_PhantomShareUnitsPSUsMember		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Total compensation cost related to non-vested awards not yet recognized	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbrl:monetaryItemType	debit	instant	\$ 3.0											
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbrl:sharesItemType	na	duration	56,836											
In or after 2016   Stock Option	us-gaap_AwardDateAxis=apa_InorAfter2016Member		na														
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrl:stringItemType	na	duration												
Period in which stock options become exercisable	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1	us-gaap_	xbrl:durationItemType	na	duration						3 years						
Period in which stock options expires after grant date	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardExpirationPeriod	us-gaap_	xbrl:durationItemType	na	duration						10 years						

+ References + Details

## Cover - CAPITAL STOCK - Description of Stock Based Compensation Plans and Related Costs (Details)

CAPITAL STOCK - Description of Stock Based Compensation Plans and Related Costs (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Equity [Abstract]	us-gaap_EquityAbstract	us-gaap_	xbri:stringItemType	na	duration			
Stock-settled and cash-settled compensation expensed	us-gaap_AllocatedShareBasedCompensationExpense	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 40	\$ 110	\$ 157
Stock-settled and cash-settled compensation capitalized	us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount	us-gaap_	xbri:monetaryItemType	debit	duration	7	28	37
Total stock-settled and cash- settled compensation costs	us-gaap_ShareBasedCompensation	us-gaap_	xbri:monetaryItemType	debit	duration	\$ 47	\$ 138	\$ 194

+ References + Details

## Cover - CAPITAL STOCK - Summary of Stock Options Activities (Details)

CAPITAL STOCK - Summary of Stock Options Activities (Details) - USD (\$) \$ / shares in Units, \$ in Millions	XBRL Details			12 Months Ended				
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Share-based Compensation Arrangement by Share-based Payment Award, Options, Outstanding [Roll Forward]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingRollForward	us-gaap_	xbri:stringItemType	na	duration			
Outstanding, beginning of year, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber	us-gaap_	xbri:sharesItemType	na	instant	4,298,000	4,872,000	4,593,000
Granted, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriod	us-gaap_	xbri:sharesItemType	na	duration 0	0	812,000	
Exercised, Shares (in shares)	us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised	us-gaap_	xbri:sharesItemType	na	duration 0	0	(29,000)	
Forfeited, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresInPeriod	us-gaap_	xbri:sharesItemType	na	duration (37,000)	(80,000)	(121,000)	
Expired, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExpirationsInPeriod	us-gaap_	xbri:sharesItemType	na	duration (724,000)	(494,000)	(383,000)	
Outstanding, end of year, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber	us-gaap_	xbri:sharesItemType	na	instant	3,537,000	4,298,000	4,872,000
Expected to vest, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingNumber	us-gaap_	xbri:sharesItemType	na	instant	150,000	495,000	1,274,000
Exercisable, end of year, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableNumber	us-gaap_	xbri:sharesItemType	na	instant	3,387,000	3,803,000	3,598,000
Share-based Compensation Arrangement by Share-based Payment Award, Options, Outstanding, Weighted Average Exercise Price [Abstract]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePriceRollforward	us-gaap_	xbri:stringItemType	na	duration			
Outstanding, beginning of year, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	instant	\$ 75.24	\$ 75.95	\$ 83.36
Granted, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	duration 0	0	45.93	
Exercised, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsExercisesInPeriodWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	duration 0	0	41.79	
Forfeited, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsForfeituresInPeriodWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	duration 44.98	34.58	74.58	
Expired, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsExpirationsInPeriodWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	duration 92.14	88.82	104.21	
Outstanding, end of year, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	instant	72.10	75.24	75.95
Expected to vest, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	instant	45.77	49.11	48.74
Exercisable, end of year, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableWeightedAverageExercisePrice	us-gaap_	num:perShareItemType	na	instant	\$ 73.26	\$ 78.64	\$ 85.59
Weighted average remaining contractual life for options outstanding	us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2	us-gaap_	xbri:durationItemType	na	3 years 7 months 6 days			
Aggregate intrinsic value for options outstanding	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 0.0		
Weighted average remaining contractual life for expected to vest	us-gaap_ShareBasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageRemainingContractualTerm1	us-gaap_	xbri:durationItemType	na	duration 7 years			
Aggregate intrinsic value for expected to vest	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 0.0		
Weighted average remaining contractual life for exercisable	us-gaap_ShareBasedCompensationArrangementBySharebasedPaymentAwardOptionsExercisableWeightedAverageRemainingContractualTerm1	us-gaap_	xbri:durationItemType	na	3 years 4 months 24 days			
Aggregate intrinsic value for exercisable	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestExercisableAggregateIntrinsicValue	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 0.0		

+ References + Details

## Cover - CAPITAL STOCK - Schedule of Assumptions Used (Details)

CAPITAL STOCK - Schedule of Assumptions Used (Details) - Stock Option	XBRL Details						12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2018 \$ / shares
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbri:stringItemType	na	duration		
Expected volatility	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRate	us-gaap_	num:percentItemType	na	duration	33.74%	
Expected dividend yields	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedDividendRate	us-gaap_	num:percentItemType	na	duration	2.16%	
Expected term (in years)	us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardFairValueAssumptionsExpectedTerm1	us-gaap_	xbri:durationItemType	na	duration	6 years	
Risk-free rate	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRate	us-gaap_	num:percentItemType	na	duration	2.42%	
Weighted-average grant-date fair value (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration	\$ 13.15	

+ References + Details

## Cover - CAPITAL STOCK - Schedule of Restricted Stock Activities (Details)

CAPITAL STOCK - Schedule of Restricted Stock Activities (Details) \$ / shares in Units, \$ in Millions	XBRL Details					6 Months Ended Jun. 30, 2020 \$ / shares	12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2020 USD (\$) \$ / shares	Dec. 31, 2019 USD (\$) \$ / shares	Dec. 31, 2018 USD (\$) \$ / shares
<b>Weighted Average Grant-Date Fair Value</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward	us-gaap_	xbri:stringItemType	na	duration				
Total fair value of restricted stock awards vested   \$	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodTotalFairValue	us-gaap_	xbri:monetaryItemType	debit	duration		\$ 94	\$ 103	\$ 111
Altus Midstream LP	dei_LegalEntityAxis=apa_AltusMidstreamLPMember		na						
<b>Weighted Average Grant-Date Fair Value</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward	us-gaap_	xbri:stringItemType	na	duration				
Reverse stock split ratio	us-gaap_StockholdersEquityNoteStockSplitConversionRatio1	us-gaap_	xbri:pureItemType	na	duration	0.05			
Restricted Stock	us-gaap_AwardTypeAxis=us-gaap_RestrictedStockMember		na						
<b>Units</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward	us-gaap_	xbri:stringItemType	na	duration				
Non-vested, beginning balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	xbri:sharesItemType	na	instant		2,448,000	2,448,000	3,153,000
Granted, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbri:sharesItemType	na	duration		1,352,000	1,479,000	608,000
Vested, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod	us-gaap_	xbri:sharesItemType	na	duration		(1,933,000)	(1,899,000)	(2,023,000)
Forfeited, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod	us-gaap_	xbri:sharesItemType	na	duration		(315,000)	(285,000)	(352,000)
Non-vested, ending balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	xbri:sharesItemType	na	instant		1,552,000	2,448,000	3,153,000
<b>Weighted Average Grant-Date Fair Value</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward	us-gaap_	xbri:stringItemType	na	duration				
Non-vested Beginning Balance, Weighted Average Grant Date Fair Value (in USD per share)   \$ / shares	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	instant	\$ 46.65	\$ 46.65	\$ 55.54	\$ 56.67
Granted, Weighted Average Grant-Date Fair Value (in USD per share)   \$ / shares	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration		24.60	36.81	45.59
Vested, Weighted Average Grant-Date Fair Value (in USD per share)   \$ / shares	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration		48.65	53.99	55.10
Forfeited, Weighted Average Grant-Date Fair Value (in USD per share)   \$ / shares	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration		30.09	45.06	56.69
Non-vested Ending Balance, Weighted Average Grant Date Fair Value (in USD per share)   \$ / shares	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	instant		\$ 28.43	\$ 46.65	\$ 55.54
Total compensation cost related to non-vested awards not yet recognized   \$	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbri:monetaryItemType	debit	instant		\$ 14		
Unvested restricted stock units (in shares)	us-gaap_WeightedAverageNumberOfSharesRestrictedStock	us-gaap_	xbri:sharesItemType	na	duration		1,551,807		
Weighted-average remaining life of unvested restricted stock units	apa_WeightedAverageRemainingLifeOfUnvestedRestrictedStockUnits	apa_	xbri:durationItemType	na	duration		8 months 12 days		
<b>Phantom Units</b>	us-gaap_AwardTypeAxis=us-gaap_PhantomShareUnitsPSUsMember		na						
<b>Units</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward	us-gaap_	xbri:stringItemType	na	duration				
Non-vested, beginning balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	xbri:sharesItemType	na	instant		5,384,000	5,384,000	1,818,000
Reverse stock split (in shares)	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsAdjustmentForReverseStockSplit	apa_	xbri:sharesItemType	na	duration		(1,246,000)	0	0
Granted, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbri:sharesItemType	na	duration		3,462,000	4,831,000	1,973,000
Vested, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod	us-gaap_	xbri:sharesItemType	na	duration		(1,618,000)	(616,000)	(38,000)
Forfeited, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod	us-gaap_	xbri:sharesItemType	na	duration		(1,559,000)	(649,000)	(176,000)
Non-vested, ending balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	xbri:sharesItemType	na	instant		4,423,000	5,384,000	1,818,000
<b>Weighted Average Grant-Date Fair Value</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward	us-gaap_	xbri:stringItemType	na	duration				
Total compensation cost related to non-vested awards not yet recognized   \$	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	xbri:monetaryItemType	debit	instant		\$ 28		
<b>Phantom Units Issued Based on Per-Share Market Price of Apache Common Stock</b>	us-gaap_AwardTypeAxis=apa_PhantomUnitsIssuedBasedOnPerShareMarketPriceOfApacheCommonStockMember		na						
<b>Units</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward	us-gaap_	xbri:stringItemType	na	duration				
Granted, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbri:sharesItemType	na	duration		3,378,486	3,401,477	
<b>Phantom Units Issued Based on Per-Share Market Price of ALTM Common Stock</b>	us-gaap_AwardTypeAxis=apa_PhantomUnitsIssuedBasedOnPerShareMarketPriceOfALTMCommonStockMember		na						
<b>Units</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward	us-gaap_	xbri:stringItemType	na	duration				
Granted, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	xbri:sharesItemType	na	duration		83,239	1,429,135	

+ References + Details



## Cover - CAPITAL STOCK - Performance Program Narrative (Details)

CAPITAL STOCK - Performance Program Narrative (Details) - USD (\$ / shares in Units, \$ in Millions)	XBRL Details	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	1 Months Ended					12 Months Ended		
							Jan. 31, 2021	Jan. 31, 2020	Jan. 31, 2019	Jan. 31, 2018	Jan. 31, 2017	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Shares authorized and available for grant (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant		us-gaap_	xbrl:sharesItemType	na	instant						14,100,000		
Compensation expense	us-gaap_AllocatedShareBasedCompensationExpense		us-gaap_	xbrl:monetaryItemType	debit	duration						\$ 40	\$ 110	\$ 157
Stock-settled and cash-settled compensation capitalized	us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount		us-gaap_	xbrl:monetaryItemType	debit	duration						\$ 7	\$ 28	\$ 37
Phantom Units	us-gaap_AwardTypeAxis=us-gaap_PhantomShareUnits\$UsMember		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod		us-gaap_	xbrl:sharesItemType	na	duration						3,462,000	4,831,000	1,973,000
Phantom Units   Subsequent Event	us-gaap_AwardTypeAxis=us-gaap_PhantomShareUnits\$UsMember		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod		us-gaap_	xbrl:sharesItemType	na	duration	4,360,656							
Performance Program	us-gaap_PlanNameAxis=apa_BusinessPerformanceProgramMember		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Shares allocation percentage	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardAllocationPercentage		apa_	num:percentItemType	na	duration						50.00%		
Shares vesting period	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1		us-gaap_	xbrl:durationItemType	na	duration						3 years		
Compensation expense	us-gaap_AllocatedShareBasedCompensationExpense		us-gaap_	xbrl:monetaryItemType	debit	duration						\$ 8	\$ 24	\$ 38
Stock-settled and cash-settled compensation capitalized	us-gaap_EmployeeServiceShareBasedCompensationAllocationOfRecognizedPeriodCostsCapitalizedAmount		us-gaap_	xbrl:monetaryItemType	debit	duration						\$ 1	\$ 3	\$ 7
Performance Program   Vesting, Tranche One	us-gaap_PlanNameAxis=apa_BusinessPerformanceProgramMember		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Shares vesting percentage	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingRightsPercentage		us-gaap_	num:percentItemType	na	duration						50.00%		
Performance Program   Vesting, Tranche Two	us-gaap_PlanNameAxis=apa_BusinessPerformanceProgramMember		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Shares vesting percentage	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingRightsPercentage		us-gaap_	num:percentItemType	na	duration						50.00%		
2017 Performance Program   Conditional Restricted Stock	us-gaap_PlanNameAxis=apa_PerformanceProgram2017Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod		us-gaap_	xbrl:sharesItemType	na	duration					620,885			
Shares paid out as percentage of target	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardSharesPaidoutasPercentageOfTarget		apa_	num:percentItemType	na	instant						54.00%		
Total awards, outstanding (in shares)	us-gaap_StockIssuedDuringPeriodSharesRestrictedStockAwardNetOffForfeitures		us-gaap_	xbrl:sharesItemType	na	duration						111,126		
2018 Performance Program   Phantom Units	us-gaap_PlanNameAxis=apa_PerformanceProgram2018Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod		us-gaap_	xbrl:sharesItemType	na	duration					931,049			
Shares paid out as percentage of target	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardSharesPaidoutasPercentageOfTarget		apa_	num:percentItemType	na	instant						23.00%		
Total awards, outstanding (in shares)	us-gaap_StockIssuedDuringPeriodSharesRestrictedStockAwardNetOffForfeitures		us-gaap_	xbrl:sharesItemType	na	duration						704,483		
2019 Performance Program   Phantom Units	us-gaap_PlanNameAxis=apa_PerformanceProgram2019Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod		us-gaap_	xbrl:sharesItemType	na	duration				1,679,832				
Total awards, outstanding (in shares)	us-gaap_StockIssuedDuringPeriodSharesRestrictedStockAwardNetOffForfeitures		us-gaap_	xbrl:sharesItemType	na	duration						1,301,893		
2019 Performance Program   Phantom Units   Minimum	us-gaap_PlanNameAxis=apa_PerformanceProgram2019Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Percentage of shares awarded of target	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardGrantedPercentage		apa_	num:percentItemType	na	duration			0.00%					
Shares authorized and available for grant (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant		us-gaap_	xbrl:sharesItemType	na	instant	0							
2019 Performance Program   Phantom Units   Maximum	us-gaap_PlanNameAxis=apa_PerformanceProgram2019Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Percentage of shares awarded of target	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardGrantedPercentage		apa_	num:percentItemType	na	duration			200.00%					
Shares authorized and available for grant (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant		us-gaap_	xbrl:sharesItemType	na	instant			2,603,786					
2020 Performance Program   Phantom Units	us-gaap_PlanNameAxis=apa_PerformanceProgram2020Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Awards granted during period (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod		us-gaap_	xbrl:sharesItemType	na	duration	1,687,307							
Total awards, outstanding (in shares)	us-gaap_StockIssuedDuringPeriodSharesRestrictedStockAwardNetOffForfeitures		us-gaap_	xbrl:sharesItemType	na	duration						1,410,404		
2020 Performance Program   Phantom Units   Minimum	us-gaap_PlanNameAxis=apa_PerformanceProgram2020Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Percentage of shares awarded of target	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardGrantedPercentage		apa_	num:percentItemType	na	duration			0.00%					
Shares authorized and available for grant (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant		us-gaap_	xbrl:sharesItemType	na	instant	0							
2020 Performance Program   Phantom Units   Maximum	us-gaap_PlanNameAxis=apa_PerformanceProgram2020Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Percentage of shares awarded of target	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardGrantedPercentage		apa_	num:percentItemType	na	duration			200.00%					
Shares authorized and available for grant (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant		us-gaap_	xbrl:sharesItemType	na	instant			2,820,808					
2021 Performance Program	us-gaap_PlanNameAxis=apa_PerformanceProgram2021Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Shares allocation percentage	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardAllocationPercentage		apa_	num:percentItemType	na	duration						50.00%		
2021 Performance Program   Subsequent Event	us-gaap_PlanNameAxis=apa_PerformanceProgram2021Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								
Shares allocation percentage	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardAllocationPercentage		apa_	num:percentItemType	na	duration	50.00%							
Shares vesting period	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1		us-gaap_	xbrl:durationItemType	na	duration	3 years							
Shares vesting percentage	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingRightsPercentage		us-gaap_	num:percentItemType	na	duration	50.00%							
2021 Performance Program   Phantom Units   Subsequent Event	us-gaap_PlanNameAxis=apa_PerformanceProgram2021Member		na											
<b>Share-based Compensation Arrangement by Share-based Payment Award [Line Items]</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems		us-gaap_	xbrl:stringItemType	na	duration								

Initial number of share to be awarded	apa_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherthanOptionsNumberOfShareToBeAwardedInitial	apa_	xbrli:sharesItemType	na	duration	1,911,517														
2021 Performance Program   Phantom Units   Monte Carlo Simulation   Subsequent Event	us-gaap_PlanNameAxis=apa_PerformanceProgram2021Member		na																	
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrli:stringItemType	na	duration															
Weighted average grant date fair value per share (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherthanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration	\$ 23.73														
2021 Performance Program   Phantom Units   Fair Market Value At Grant Date   Subsequent Event	us-gaap_PlanNameAxis=apa_PerformanceProgram2021Member		na																	
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrli:stringItemType	na	duration															
Shares allocation percentage	apa_SharebasedCompensationArrangementBySharebasedPaymentAwardAllocationPercentage	apa_	num:percentItemType	na	duration	50.00%														
Weighted average grant date fair value per share (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherthanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	num:perShareItemType	na	duration	\$ 16.18														
2021 Performance Program   Phantom Units   Minimum   Subsequent Event	us-gaap_PlanNameAxis=apa_PerformanceProgram2021Member		na																	
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrli:stringItemType	na	duration															
Ultimate number of share to be awarded	apa_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherthanOptionsNumberOfShareToBeAwardedUltimate	apa_	xbrli:sharesItemType	na	duration	0														
2021 Performance Program   Phantom Units   Maximum   Subsequent Event	us-gaap_PlanNameAxis=apa_PerformanceProgram2021Member		na																	
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems	us-gaap_	xbrli:stringItemType	na	duration															
Ultimate number of share to be awarded	apa_SharebasedCompensationArrangementBySharebasedPaymentAwardEquityInstrumentsOtherthanOptionsNumberOfShareToBeAwardedUltimate	apa_	xbrli:sharesItemType	na	duration	3,823,034														

+ References + Details

## Cover - CAPITAL STOCK - Schedule of Performance Program Activities (Details)

CAPITAL STOCK - Schedule of Performance Program Activities (Details) - USD (\$) \$ / shares in Units, \$ in Millions	XBRL Details	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	12 Months Ended		
							Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Weighted Average Grant-Date Fair Value</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward	us-gaap_	us-gaap_	xbrli:stringItemType	na	duration			
Expired, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExpirationsInPeriodWeightedAverageExercisePrice	us-gaap_	us-gaap_	num:perShareItemType	na	duration	\$ 92.14	\$ 88.82	\$ 104.21
Employee-related liabilities, current	us-gaap_EmployeeRelatedLiabilitiesCurrent	us-gaap_	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 170	\$ 212	
Performance Program   Stock-settled conditional restricted stock unit	us-gaap_PlanNameAxis=apa_BusinessPerformanceProgramMember			na					
<b>Units</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward	us-gaap_	us-gaap_	xbrli:stringItemType	na	duration			
Non-vested, beginning balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	us-gaap_	xbrli:sharesItemType	na	instant	781,000		
Granted, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	18,000		
Vested, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	(445,000)		
Forfeited, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	(16,000)		
Expired, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsPeriodIncreaseDecrease	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	(227,000)		
Non-vested, ending balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	us-gaap_	xbrli:sharesItemType	na	instant	111,126	781,000	
<b>Weighted Average Grant-Date Fair Value</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward	us-gaap_	us-gaap_	xbrli:stringItemType	na	duration			
Non-vested Beginning Balance, Weighted Average Grant Date Fair Value (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue	us-gaap_	us-gaap_	num:perShareItemType	na	instant	\$ 52.69		
Granted, Weighted Average Grant-Date Fair Value (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue	us-gaap_	us-gaap_	num:perShareItemType	na	duration	62.31		
Vested, Weighted Average Grant-Date Fair Value (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue	us-gaap_	us-gaap_	num:perShareItemType	na	duration	41.10		
Forfeited, Weighted Average Grant-Date Fair Value (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue	us-gaap_	us-gaap_	num:perShareItemType	na	duration	56.66		
Expired, weighted average exercise price (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExpirationsInPeriodWeightedAverageExercisePrice	us-gaap_	us-gaap_	num:perShareItemType	na	duration	70.70		
Non-vested Ending Balance, Weighted Average Grant Date Fair Value (in USD per share)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue	us-gaap_	us-gaap_	num:perShareItemType	na	instant	\$ 63.15	\$ 52.69	
Fair value of restricted stock, risk-free interest rate, period	apa_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionRiskFreeInterestRatePeriod	apa_	apa_	xbrli:durationItemType	na	duration	3 years		
Total compensation cost related to non-vested awards not yet recognized	us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized	us-gaap_	us-gaap_	xbrli:monetaryItemType	debit	instant	\$ 0		
Weighted-average remaining life of unvested restricted stock units	apa_WeightedAverageRemainingLifeOfUnvestedRestrictedStockUnits	apa_	apa_	xbrli:durationItemType	na	duration	0 years		
Performance Program   Cash-settled conditional restricted stock unit	us-gaap_PlanNameAxis=apa_BusinessPerformanceProgramMember			na					
<b>Units</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedRollForward	us-gaap_	us-gaap_	xbrli:stringItemType	na	duration			
Non-vested, beginning balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	us-gaap_	xbrli:sharesItemType	na	instant	2,320,000		
Granted, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	1,687,000		
Vested, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	(2,000)		
Forfeited, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	(542,000)		
Expired, Shares (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsPeriodIncreaseDecrease	us-gaap_	us-gaap_	xbrli:sharesItemType	na	duration	(46,000)		
Non-vested, ending balance (in shares)	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber	us-gaap_	us-gaap_	xbrli:sharesItemType	na	instant	3,417,000	2,320,000	
<b>Weighted Average Grant-Date Fair Value</b>	us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValueRollForward	us-gaap_	us-gaap_	xbrli:stringItemType	na	duration			
Employee-related liabilities, current	us-gaap_EmployeeRelatedLiabilitiesCurrent	us-gaap_	us-gaap_	xbrli:monetaryItemType	credit	instant	\$ 14		

+ References + Details

## Cover - ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) (Details)

ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Equity [Abstract]	us-gaap_EquityAbstract	us-gaap_	xbrii:stringItemType	na	duration			
Share of equity method interests other comprehensive loss	apa_AccumulatedOtherComprehensiveIncomeLossShareOfEquityMethodInterestsNetOfTax	apa_	xbrii:monetaryItemType	credit	instant	\$ (1)	\$ (1)	\$ 0
Pension and postretirement benefit plan (Note 12)	us-gaap_AccumulatedOtherComprehensiveIncomeLossDefinedBenefitPensionAndOtherPostretirementPlansNetOfTax	us-gaap_	xbrii:monetaryItemType	debit	instant	15	17	4
Accumulated other comprehensive income	us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax	us-gaap_	xbrii:monetaryItemType	credit	instant	\$ 14	\$ 16	\$ 4

+ References + Details

## Cover - MAJOR CUSTOMERS (Details)

MAJOR CUSTOMERS (Details) - Customer Concentration Risk - Oil and Gas Production Revenues	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
Egyptian General Petroleum Corporation	us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember		na					
<b>Revenue, Major Customer [Line Items]</b>	us-gaap_EntityWideRevenueMajorCustomerLineItems	us-gaap_	xbri:stringItemType	na	duration			
Concentration risk percentage	us-gaap_ConcentrationRiskPercentage1	us-gaap_	num:percentItemType	na	duration	17.00%		10.00%
Vitol	us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember		na					
<b>Revenue, Major Customer [Line Items]</b>	us-gaap_EntityWideRevenueMajorCustomerLineItems	us-gaap_	xbri:stringItemType	na	duration			
Concentration risk percentage	us-gaap_ConcentrationRiskPercentage1	us-gaap_	num:percentItemType	na	duration	14.00%		
BP plc	us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember		na					
<b>Revenue, Major Customer [Line Items]</b>	us-gaap_EntityWideRevenueMajorCustomerLineItems	us-gaap_	xbri:stringItemType	na	duration			
Concentration risk percentage	us-gaap_ConcentrationRiskPercentage1	us-gaap_	num:percentItemType	na	duration		10.00%	17.00%
China Petroleum & Chemical Corporation (Sinopec)	us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember		na					
<b>Revenue, Major Customer [Line Items]</b>	us-gaap_EntityWideRevenueMajorCustomerLineItems	us-gaap_	xbri:stringItemType	na	duration			
Concentration risk percentage	us-gaap_ConcentrationRiskPercentage1	us-gaap_	num:percentItemType	na	duration		11.00%	15.00%

+ References + Details

## Cover - BUSINESS SEGMENT INFORMATION - Additional Information (Details)

BUSINESS SEGMENT INFORMATION - Additional Information (Details)	XBRL Details					12 Months Ended
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 Segment
<b>Segment Reporting [Abstract]</b>	us-gaap_SegmentReportingAbstract	us- gaap_	xbri:stringItemType	na	duration	
Number of reporting segments	us-gaap_NumberOfReportableSegments	us- gaap_	xbri:integerItemType	na	duration	3

+ References + Details

## Cover - BUSINESS SEGMENT INFORMATION - Financial Segment Information (Details)

BUSINESS SEGMENT INFORMATION - Financial Segment Information (Details) - USD (\$) \$ in Millions	XBRL Details						3 Months Ended		12 Months Ended			
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2019	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018		
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration							
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		\$ 1,127	\$ 1,447	\$ 1,439			
Taxes other than income	us-gaap_TaxesOther	us-gaap_	xbrli:monetaryItemType	debit	duration		123	207	215			
Exploration	us-gaap_ExplorationExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		274	805	503			
Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization	us-gaap_	xbrli:monetaryItemType	debit	duration		1,772	2,680	2,405			
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		109	107	108			
Impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbrli:monetaryItemType	debit	duration	\$ 1,400	4,501	2,949	511			
Total operating expenses	us-gaap_OperatingExpenses	us-gaap_	xbrli:monetaryItemType	debit	duration		8,537	8,643	5,869			
Operating Income (Loss)	us-gaap_OperatingIncomeLoss	us-gaap_	xbrli:monetaryItemType	credit	duration		(4,102)	(2,152)	1,836			
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType	na	duration							
Gain on divestitures, net	us-gaap_GainLossOnSaleOfBusiness	us-gaap_	xbrli:monetaryItemType	credit	duration		32	43	23			
Derivative instrument losses, net	us-gaap_GainLossOnDerivativeInstrumentsNetPretax	us-gaap_	xbrli:monetaryItemType	credit	duration		(223)	(35)	(17)			
Other	us-gaap_OtherNonoperatingIncomeExpense	us-gaap_	xbrli:monetaryItemType	credit	duration		64	54	53			
General and administrative	us-gaap_GeneralAndAdministrativeExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		(290)	(406)	(431)			
Transaction, reorganization, and separation	us-gaap_RestructuringCharges	us-gaap_	xbrli:monetaryItemType	debit	duration		(54)	(50)	(28)			
Financing costs, net	us-gaap_InterestCostsIncurred	us-gaap_	xbrli:monetaryItemType	debit	duration		(267)	(462)	(478)			
NET INCOME (LOSS) BEFORE INCOME TAXES	us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesMinorityInterestAndIncomeLossFromEquityMethodInvestments	us-gaap_	xbrli:monetaryItemType	credit	duration		(4,840)	(3,008)	958			
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType	debit	instant	18,107	12,746	18,107	21,582			
Net Property and Equipment	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAfterAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType	debit	instant	14,158	8,819	14,158	18,421			
Additions to Net Property and Equipment	apa_AdditionsOrDeductionsToNetPropertyAndEquipment	apa_	xbrli:monetaryItemType	debit	instant	2,734	1,162	2,734	3,914			
Operating Segments   Egypt	srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember		na									
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration							
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0			
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration							
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		424	484	428			
Taxes other than income	us-gaap_TaxesOther	us-gaap_	xbrli:monetaryItemType	debit	duration		0	0	0			
Exploration	us-gaap_ExplorationExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		63	100	88			
Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization	us-gaap_	xbrli:monetaryItemType	debit	duration		601	708	745			
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		0	0	0			
Impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbrli:monetaryItemType	debit	duration		529	0	63			
Total operating expenses	us-gaap_OperatingExpenses	us-gaap_	xbrli:monetaryItemType	debit	duration		1,655	1,332	1,371			
Operating Income (Loss)	us-gaap_OperatingIncomeLoss	us-gaap_	xbrli:monetaryItemType	credit	duration		(265)	944	1,377			
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType	na	duration							
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType	debit	instant	3,700	3,003	3,700	4,260			
Net Property and Equipment	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAfterAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType	debit	instant	2,573	1,955	2,573	2,856			
Additions to Net Property and Equipment	apa_AdditionsOrDeductionsToNetPropertyAndEquipment	apa_	xbrli:monetaryItemType	debit	instant	454	454	454	594			
Operating Segments   North Sea	srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember		na									
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration							
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0			
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration							
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		305	320	341			
Taxes other than income	us-gaap_TaxesOther	us-gaap_	xbrli:monetaryItemType	debit	duration		0	0	0			
Exploration	us-gaap_ExplorationExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		28	2	192			
Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization	us-gaap_	xbrli:monetaryItemType	debit	duration		380	366	375			
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		73	76	75			
Impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbrli:monetaryItemType	debit	duration		7	0	10			
Total operating expenses	us-gaap_OperatingExpenses	us-gaap_	xbrli:monetaryItemType	debit	duration		843	809	1,035			
Operating Income (Loss)	us-gaap_OperatingIncomeLoss	us-gaap_	xbrli:monetaryItemType	credit	duration		40	467	286			
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType	na	duration							
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType	debit	instant	2,473	2,220	2,473	2,456			
Net Property and Equipment	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAfterAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType	debit	instant	1,956	1,773	1,956	2,148			
Additions to Net Property and Equipment	apa_AdditionsOrDeductionsToNetPropertyAndEquipment	apa_	xbrli:monetaryItemType	debit	instant	183	215	183	223			
Operating Segments   U.S.	srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember		na									
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration							
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0			
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration							
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		400	645	670			
Taxes other than income	us-gaap_TaxesOther	us-gaap_	xbrli:monetaryItemType	debit	duration		108	194	207			
Exploration	us-gaap_ExplorationExpense	us-gaap_	xbrli:monetaryItemType	debit	duration		168	688	219			

Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization	us-gaap_	xbrli:monetaryItemType debit	duration	779	1,566	1,266	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType debit	duration	32	29	32	
Impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbrli:monetaryItemType debit	duration	3,963	1,648	438	
Total operating expenses	us-gaap_OperatingExpenses	us-gaap_	xbrli:monetaryItemType debit	duration	6,095	5,211	3,454	
Operating Income (Loss)	us-gaap_OperatingIncomeLoss	us-gaap_	xbrli:monetaryItemType credit	duration	(3,937)	(2,272)	182	
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType na	duration				
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType debit	instant	10,388	5,540	10,388	12,962
Net Property and Equipment	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAfterAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType debit	instant	9,385	4,760	9,385	12,145
Additions to Net Property and Equipment	apa_AdditionsOrDeductionsToNetPropertyAndEquipment	apa_	xbrli:monetaryItemType debit	instant	1,696	345	1,696	2,544
Operating Segments   Altus Midstream	srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember		na					
<b>Segment Reporting Information (Line Items)</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType credit	duration	145	136	77	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType na	duration				
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType debit	duration	0	0	0	
Taxes other than income	us-gaap_TaxesOther	us-gaap_	xbrli:monetaryItemType debit	duration	15	13	8	
Exploration	us-gaap_ExplorationExpense	us-gaap_	xbrli:monetaryItemType debit	duration	0	0	0	
Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization	us-gaap_	xbrli:monetaryItemType debit	duration	12	40	19	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType debit	duration	4	2	1	
Impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbrli:monetaryItemType debit	duration	2	1,301	0	
Total operating expenses	us-gaap_OperatingExpenses	us-gaap_	xbrli:monetaryItemType debit	duration	74	1,412	82	
Operating Income (Loss)	us-gaap_OperatingIncomeLoss	us-gaap_	xbrli:monetaryItemType credit	duration	75	(1,276)	(5)	
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType na	duration				
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType debit	instant	1,479	1,786	1,479	1,857
Net Property and Equipment	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAfterAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType debit	instant	206	196	206	1,227
Additions to Net Property and Equipment	apa_AdditionsOrDeductionsToNetPropertyAndEquipment	apa_	xbrli:monetaryItemType debit	instant	308	12	308	545
Intersegment Eliminations & Other	srt_ConsolidationItemsAxis=us-gaap_IntersegmentEliminationMember		na					
<b>Segment Reporting Information (Line Items)</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType credit	duration	(145)	(136)	(77)	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType na	duration				
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType debit	duration	(2)	(2)	0	
Taxes other than income	us-gaap_TaxesOther	us-gaap_	xbrli:monetaryItemType debit	duration	0	0	0	
Exploration	us-gaap_ExplorationExpense	us-gaap_	xbrli:monetaryItemType debit	duration	15	15	4	
Depreciation, depletion, and amortization	us-gaap_DepreciationDepletionAndAmortization	us-gaap_	xbrli:monetaryItemType debit	duration	0	0	0	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType debit	duration	0	0	0	
Impairments	us-gaap_AssetImpairmentCharges	us-gaap_	xbrli:monetaryItemType debit	duration	0	0	0	
Total operating expenses	us-gaap_OperatingExpenses	us-gaap_	xbrli:monetaryItemType debit	duration	(130)	(121)	(73)	
Operating Income (Loss)	us-gaap_OperatingIncomeLoss	us-gaap_	xbrli:monetaryItemType credit	duration	(15)	(15)	(4)	
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType na	duration				
Total assets	us-gaap_Assets	us-gaap_	xbrli:monetaryItemType debit	instant	67	197	67	47
Net Property and Equipment	us-gaap_PropertyPlantAndEquipmentAndFinanceLeaseRightOfUseAssetAfterAccumulatedDepreciationAndAmortization	us-gaap_	xbrli:monetaryItemType debit	instant	38	135	38	45
Additions to Net Property and Equipment	apa_AdditionsOrDeductionsToNetPropertyAndEquipment	apa_	xbrli:monetaryItemType debit	instant	\$ 93	136	93	8
Oil and gas, excluding purchased	srt_ProductOrServiceAxis=apa_OilAndGasExcludingPurchasedMember		na					
<b>Segment Reporting Information (Line Items)</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType credit	duration	4,037	6,315	7,348	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType debit	duration	274	306	348	
Oil and gas, excluding purchased   Operating Segments   Egypt	srt_ProductOrServiceAxis=apa_OilAndGasExcludingPurchasedMember		na					
<b>Segment Reporting Information (Line Items)</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType credit	duration	1,390	2,276	2,748	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType debit	duration	38	40	47	
Oil and gas, excluding purchased   Operating Segments   North Sea	srt_ProductOrServiceAxis=apa_OilAndGasExcludingPurchasedMember		na					
<b>Segment Reporting Information (Line Items)</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType credit	duration	883	1,276	1,321	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType debit	duration	50	45	42	
Oil and gas, excluding purchased   Operating Segments   U.S.	srt_ProductOrServiceAxis=apa_OilAndGasExcludingPurchasedMember		na					
<b>Segment Reporting Information (Line Items)</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType credit	duration	1,764	2,763	3,279	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType debit	duration	291	299	282	
Oil and gas, excluding purchased   Operating Segments   Altus Midstream	srt_ProductOrServiceAxis=apa_OilAndGasExcludingPurchasedMember		na					



<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	0	0	0	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	38	56	54	
Oil and gas, excluding purchased   Intersegment Eliminations & Other	srt_ProductOrServiceAxis=apa_OilAndGasExcludingPurchasedMember		na						
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	(143)	(134)	(77)	
Oil and gas, purchased	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	398	176	357	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	357	142	340	
Oil and gas, purchased   Operating Segments   Egypt	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	0	0	0	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0	
Oil and gas, purchased   Operating Segments   North Sea	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	0	0	0	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0	
Oil and gas, purchased   Operating Segments   U.S.	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	394	176	357	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	354	142	340	
Oil and gas, purchased   Operating Segments   Altus Midstream	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	4	0	0	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	3	0	0	
Oil and gas, purchased   Intersegment Eliminations & Other	srt_ProductOrServiceAxis=us-gaap_OilAndGasPurchasedMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	0	0	0	
<b>Operating Expenses:</b>	us-gaap_OperatingExpensesAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0	
Oil and gas	srt_ProductOrServiceAxis=us-gaap_OilAndGasMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	4,435	6,491	7,705	
Oil and gas   Operating Segments   Egypt	srt_ProductOrServiceAxis=us-gaap_OilAndGasMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	1,390	2,276	2,748	
Oil and gas   Operating Segments   North Sea	srt_ProductOrServiceAxis=us-gaap_OilAndGasMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	883	1,276	1,321	
Oil and gas   Operating Segments   U.S.	srt_ProductOrServiceAxis=us-gaap_OilAndGasMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	2,158	2,939	3,636	
Oil and gas   Operating Segments   Altus Midstream	srt_ProductOrServiceAxis=us-gaap_OilAndGasMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	149	136	77	
Oil and gas   Intersegment Eliminations & Other	srt_ProductOrServiceAxis=us-gaap_OilAndGasMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	(145)	(136)	(77)	
<b>Oil</b>	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_OilReservesMember		na						
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Revenue from non-customers	apa_RevenueFromNonCustomer	apa_	xbrli:monetaryItemType	credit	duration	95	410	592	
Oil   Oil and gas, excluding purchased	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_OilReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	3,106	5,230	5,846	
Oil   Oil and gas, excluding purchased   Operating	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_OilReservesMember		na						

Segments   Egypt									
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		1,102	1,969	2,396
Oil   Oil and gas, excluding purchased   Operating Segments   North Sea	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_OilReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		795	1,163	1,179
Oil   Oil and gas, excluding purchased   Operating Segments   U.S.	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_OilReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		1,209	2,098	2,271
Oil   Oil and gas, excluding purchased   Operating Segments   Altus Midstream	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_OilReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0
Oil   Oil and gas, excluding purchased   Intersegment Eliminations & Other	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_OilReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0
Natural Gas	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na						
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Revenue from non-customers	apa_RevenueFromNonCustomer	apa_	xbrli:monetaryItemType	credit	duration		14	40	58
Natural Gas   Oil and gas, excluding purchased	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		598	678	919
Natural Gas   Oil and gas, excluding purchased   Operating Segments   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		280	295	339
Natural Gas   Oil and gas, excluding purchased   Operating Segments   North Sea	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		67	90	122
Natural Gas   Oil and gas, excluding purchased   Operating Segments   U.S.	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		251	293	458
Natural Gas   Oil and gas, excluding purchased   Operating Segments   Altus Midstream	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0
Natural Gas   Oil and gas, excluding purchased   Intersegment Eliminations & Other	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0
Natural Gas Liquids	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na						
<b>Other Income (Expense):</b>	us-gaap_NonoperatingIncomeExpenseAbstract	us-gaap_	xbrli:stringItemType	na	duration				
Revenue from non-customers	apa_RevenueFromNonCustomer	apa_	xbrli:monetaryItemType	credit	duration		0	1	2
Natural Gas Liquids   Oil and gas, excluding purchased	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		333	407	583
Natural Gas Liquids   Oil and gas, excluding purchased   Operating Segments   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		8	12	13
Natural Gas Liquids   Oil and gas, excluding purchased   Operating Segments   North Sea	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		21	23	20
Natural Gas Liquids   Oil and gas, excluding purchased   Operating Segments   U.S.	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		304	372	550
Natural Gas Liquids   Oil and gas, excluding purchased   Operating Segments   Altus Midstream	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration		0	0	0
Natural Gas Liquids   Oil and gas, excluding purchased   Intersegment Eliminations & Other	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na						
<b>Segment Reporting Information [Line Items]</b>	us-gaap_SegmentReportingInformationLineItems	us-gaap_	xbrli:stringItemType	na	duration				

Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbri:monetaryItemType	credit	duration	\$ 0	\$ 0	\$ 0
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+ References + Details

## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Revenue and Direct Cost Information Relating to Company's Oil and Gas Exploration and Production Activities (Details)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Revenue and Direct Cost Information Relating to Company's Oil and Gas Exploration and Production Activities (Details) - USD (\$) \$ in Millions	XBRL Details						12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018	
Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	\$ 109	\$ 107	\$ 108	
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	1,127	1,447	1,439	
Oil and Gas, Exploration and Production	srt_ProductOrServiceAxis=us-gaap_OilAndGasExplorationAndProductionMember		na						
Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	4,037	6,315	7,348	
Depreciation, depletion, and amortization	apa_DepreciationDepletionandAmortizationRelatedtoOilandGasOperations	apa_	xbrli:monetaryItemType	debit	duration	1,643	2,512	2,265	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	105	105	107	
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	1,129	1,449	1,439	
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	379	384	371	
Exploration expenses	apa_ExplorationExpenseRelatedtoOilandGasOperations	apa_	xbrli:monetaryItemType	debit	duration	274	805	503	
Impairments related to oil and gas properties	apa_AssetImpairmentChargesRelatedtoOilandGasProperties	apa_	xbrli:monetaryItemType	debit	duration	4,319	1,633	338	
Production taxes	us-gaap_ProductionTaxExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	106	191	203	
Income tax	us-gaap_ResultsOfOperationsIncomeTaxExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	(823)	175	848	
Operating costs	us-gaap_ResultsOfOperationsExpenseFromOilAndGasProducingActivities	us-gaap_	xbrli:monetaryItemType	debit	duration	7,132	7,254	6,074	
Results of operations	us-gaap_ResultsOfOperationsOilAndGasProducingActivitiesNetIncomeExcludingCorporateOverheadAndInterestCosts	us-gaap_	xbrli:monetaryItemType	credit	duration	(3,095)	(939)	1,274	
Oil and Gas, Exploration and Production   United States	srt_ProductOrServiceAxis=us-gaap_OilAndGasExplorationAndProductionMember		na						
Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	1,764	2,763	3,279	
Depreciation, depletion, and amortization	apa_DepreciationDepletionandAmortizationRelatedtoOilandGasOperations	apa_	xbrli:monetaryItemType	debit	duration	726	1,508	1,206	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	32	29	32	
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	400	645	670	
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	291	299	282	
Exploration expenses	apa_ExplorationExpenseRelatedtoOilandGasOperations	apa_	xbrli:monetaryItemType	debit	duration	168	688	219	
Impairments related to oil and gas properties	apa_AssetImpairmentChargesRelatedtoOilandGasProperties	apa_	xbrli:monetaryItemType	debit	duration	3,938	1,633	265	
Production taxes	us-gaap_ProductionTaxExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	106	191	203	
Income tax	us-gaap_ResultsOfOperationsIncomeTaxExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	(818)	(468)	87	
Operating costs	us-gaap_ResultsOfOperationsExpenseFromOilAndGasProducingActivities	us-gaap_	xbrli:monetaryItemType	debit	duration	4,843	4,525	2,964	
Results of operations	us-gaap_ResultsOfOperationsOilAndGasProducingActivitiesNetIncomeExcludingCorporateOverheadAndInterestCosts	us-gaap_	xbrli:monetaryItemType	credit	duration	(3,079)	(1,762)	315	
Oil and Gas, Exploration and Production   Egypt	srt_ProductOrServiceAxis=us-gaap_OilAndGasExplorationAndProductionMember		na						
Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	1,390	2,276	2,748	
Depreciation, depletion, and amortization	apa_DepreciationDepletionandAmortizationRelatedtoOilandGasOperations	apa_	xbrli:monetaryItemType	debit	duration	540	641	688	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0	
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	424	484	428	
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrli:monetaryItemType	debit	duration	38	40	47	
Exploration expenses	apa_ExplorationExpenseRelatedtoOilandGasOperations	apa_	xbrli:monetaryItemType	debit	duration	63	100	88	
Impairments related to oil and gas properties	apa_AssetImpairmentChargesRelatedtoOilandGasProperties	apa_	xbrli:monetaryItemType	debit	duration	374	0	63	
Production taxes	us-gaap_ProductionTaxExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0	
Income tax	us-gaap_ResultsOfOperationsIncomeTaxExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	(22)	455	645	
Operating costs	us-gaap_ResultsOfOperationsExpenseFromOilAndGasProducingActivities	us-gaap_	xbrli:monetaryItemType	debit	duration	1,417	1,720	1,959	
Results of operations	us-gaap_ResultsOfOperationsOilAndGasProducingActivitiesNetIncomeExcludingCorporateOverheadAndInterestCosts	us-gaap_	xbrli:monetaryItemType	credit	duration	(27)	556	789	
Oil and Gas, Exploration and Production   North Sea	srt_ProductOrServiceAxis=us-gaap_OilAndGasExplorationAndProductionMember		na						
Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration				
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrli:monetaryItemType	credit	duration	883	1,276	1,321	
Depreciation, depletion, and amortization	apa_DepreciationDepletionandAmortizationRelatedtoOilandGasOperations	apa_	xbrli:monetaryItemType	debit	duration	377	363	371	
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrli:monetaryItemType	debit	duration	73	76	75	

Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrii:monetaryItemType debit	duration 305	320	341
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrii:monetaryItemType debit	duration 50	45	42
Exploration expenses	apa_ExplorationExpenseRelatedtoOilandGasOperations	apa_	xbrii:monetaryItemType debit	duration 28	2	192
Impairments related to oil and gas properties	apa_AssetImpairmentChargesRelatedtoOilandGasProperties	apa_	xbrii:monetaryItemType debit	duration 7	0	10
Production taxes	us-gaap_ProductionTaxExpense	us-gaap_	xbrii:monetaryItemType debit	duration 0	0	0
Income tax	us-gaap_ResultsOfOperationsIncomeTaxExpense	us-gaap_	xbrii:monetaryItemType debit	duration 17	188	116
Operating costs	us-gaap_ResultsOfOperationsExpenseFromOilAndGasProducingActivities	us-gaap_	xbrii:monetaryItemType debit	duration 857	994	1,147
Results of operations	us-gaap_ResultsOfOperationsOilAndGasProducingActivitiesNetIncomeExcludingCorporateOverheadAndInterestCosts	us-gaap_	xbrii:monetaryItemType credit	duration 26	282	174
Oil and Gas, Exploration and Production   Other International	srt_ProductOrServiceAxis=us-gaap_OilAndGasExplorationAndProductionMember		na			
<b>Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]</b>	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrii:stringItemType na	duration		
Oil and gas production revenues	us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax	us-gaap_	xbrii:monetaryItemType credit	duration 0	0	0
Depreciation, depletion, and amortization	apa_DepreciationDepletionandAmortizationRelatedtoOilandGasOperations	apa_	xbrii:monetaryItemType debit	duration 0	0	0
Asset retirement obligation accretion	us-gaap_AssetRetirementObligationAccretionExpense	us-gaap_	xbrii:monetaryItemType debit	duration 0	0	0
Lease operating expenses	us-gaap_OperatingLeaseExpense	us-gaap_	xbrii:monetaryItemType debit	duration 0	0	0
Gathering, processing, and transmission	us-gaap_CostOfGoodsAndServicesSold	us-gaap_	xbrii:monetaryItemType debit	duration 0	0	0
Exploration expenses	apa_ExplorationExpenseRelatedtoOilandGasOperations	apa_	xbrii:monetaryItemType debit	duration 15	15	4
Impairments related to oil and gas properties	apa_AssetImpairmentChargesRelatedtoOilandGasProperties	apa_	xbrii:monetaryItemType debit	duration 0	0	0
Production taxes	us-gaap_ProductionTaxExpense	us-gaap_	xbrii:monetaryItemType debit	duration 0	0	0
Income tax	us-gaap_ResultsOfOperationsIncomeTaxExpense	us-gaap_	xbrii:monetaryItemType debit	duration 0	0	0
Operating costs	us-gaap_ResultsOfOperationsExpenseFromOilAndGasProducingActivities	us-gaap_	xbrii:monetaryItemType debit	duration 15	15	4
Results of operations	us-gaap_ResultsOfOperationsOilAndGasProducingActivitiesNetIncomeExcludingCorporateOverheadAndInterestCosts	us-gaap_	xbrii:monetaryItemType credit	duration \$ (15)	\$ (15)	\$ (4)

+ References + Details

## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Costs Incurred in Oil and Gas Property Acquisitions, Exploration and Development Activities (Details)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Costs Incurred in Oil and Gas Property Acquisitions, Exploration and Development Activities (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]</b>	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Proved	us-gaap_CostsIncurredAcquisitionOfOilAndGasPropertiesWithProvedReserves	us-gaap_	xbrli:monetaryItemType	debit	duration	\$ 7	\$ 8	\$ 6
Unproved	apa_CostsOrBenefitsIncurredAcquisitionOfUnprovedOilAndGasProperties	apa_	xbrli:monetaryItemType	debit	duration	4	57	127
Exploration	us-gaap_CostsIncurredExplorationCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	328	468	940
Development	us-gaap_CostsIncurredDevelopmentCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	872	1,996	2,381
Costs incurred	us-gaap_CostsIncurredAcquisitionOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration	1,211	2,529	3,454
Capitalized interest	us-gaap_InterestCostsIncurredCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	3	32	36
Asset retirement costs	apa_CostsOrBenefitsIncurredAssetRetirementObligationIncurred	apa_	xbrli:monetaryItemType	debit	duration	38	(97)	31
United States	srt_StatementGeographicalAxis=country_US		na					
<b>Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]</b>	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Proved	us-gaap_CostsIncurredAcquisitionOfOilAndGasPropertiesWithProvedReserves	us-gaap_	xbrli:monetaryItemType	debit	duration	0	3	0
Unproved	apa_CostsOrBenefitsIncurredAcquisitionOfUnprovedOilAndGasProperties	apa_	xbrli:monetaryItemType	debit	duration	4	47	111
Exploration	us-gaap_CostsIncurredExplorationCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	8	162	640
Development	us-gaap_CostsIncurredDevelopmentCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	332	1,500	1,791
Costs incurred	us-gaap_CostsIncurredAcquisitionOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration	344	1,712	2,542
Capitalized interest	us-gaap_InterestCostsIncurredCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	0	23	23
Asset retirement costs	apa_CostsOrBenefitsIncurredAssetRetirementObligationIncurred	apa_	xbrli:monetaryItemType	debit	duration	9	14	93
Egypt	srt_StatementGeographicalAxis=country_EG		na					
<b>Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]</b>	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Proved	us-gaap_CostsIncurredAcquisitionOfOilAndGasPropertiesWithProvedReserves	us-gaap_	xbrli:monetaryItemType	debit	duration	7	5	6
Unproved	apa_CostsOrBenefitsIncurredAcquisitionOfUnprovedOilAndGasProperties	apa_	xbrli:monetaryItemType	debit	duration	0	10	16
Exploration	us-gaap_CostsIncurredExplorationCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	102	139	175
Development	us-gaap_CostsIncurredDevelopmentCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	378	374	457
Costs incurred	us-gaap_CostsIncurredAcquisitionOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration	487	528	654
Capitalized interest	us-gaap_InterestCostsIncurredCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0
Asset retirement costs	apa_CostsOrBenefitsIncurredAssetRetirementObligationIncurred	apa_	xbrli:monetaryItemType	debit	duration	0	0	0
North Sea	srt_StatementGeographicalAxis=apa_NorthSeaMember		na					
<b>Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]</b>	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Proved	us-gaap_CostsIncurredAcquisitionOfOilAndGasPropertiesWithProvedReserves	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0
Unproved	apa_CostsOrBenefitsIncurredAcquisitionOfUnprovedOilAndGasProperties	apa_	xbrli:monetaryItemType	debit	duration	0	0	0
Exploration	us-gaap_CostsIncurredExplorationCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	68	62	113
Development	us-gaap_CostsIncurredDevelopmentCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	162	119	133
Costs incurred	us-gaap_CostsIncurredAcquisitionOfOilAndGasProperties	us-gaap_	xbrli:monetaryItemType	debit	duration	230	181	246
Capitalized interest	us-gaap_InterestCostsIncurredCapitalized	us-gaap_	xbrli:monetaryItemType	debit	duration	0	5	11
Asset retirement costs	apa_CostsOrBenefitsIncurredAssetRetirementObligationIncurred	apa_	xbrli:monetaryItemType	debit	duration	29	(111)	(62)
Other International	srt_StatementGeographicalAxis=apa_OtherInternationalMember		na					
<b>Results of Operations for Oil and Gas Producing Activities, by Geographic Area [Line Items]</b>	us-gaap_ResultsOfOperationsForOilAndGasProducingActivitiesByGeographicAreaLineItems	us-gaap_	xbrli:stringItemType	na	duration			
Proved	us-gaap_CostsIncurredAcquisitionOfOilAndGasPropertiesWithProvedReserves	us-gaap_	xbrli:monetaryItemType	debit	duration	0	0	0
Unproved	apa_CostsOrBenefitsIncurredAcquisitionOfUnprovedOilAndGasProperties	apa_	xbrli:monetaryItemType	debit	duration	0	0	0
Exploration	us-gaap_CostsIncurredExplorationCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	150	105	12
Development	us-gaap_CostsIncurredDevelopmentCosts	us-gaap_	xbrli:monetaryItemType	debit	duration	0	3	0

Costs incurred	us-gaap_CostsIncurredAcquisitionOfOilAndGasProperties	us-gaap_	xbri:monetaryItemType debit	duration	150	108	12
Capitalized interest	us-gaap_InterestCostsIncurredCapitalized	us-gaap_	xbri:monetaryItemType debit	duration	3	4	2
Asset retirement costs	apa_CostsOrBenefitsIncurredAssetRetirementObligationIncurred	apa_	xbri:monetaryItemType debit	duration	\$ 0	\$ 0	\$ 0

+ References + Details

## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Capitalized Costs (Details)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Capitalized Costs (Details) - USD (\$) \$ in Millions	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration		
Proved properties	us-gaap_CapitalizedCostsProvedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 41,217	\$ 40,540
Unproved properties	us-gaap_CapitalizedCostsUnprovedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	602	666
Capitalized costs, gross	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesGross	us-gaap_	xbri:monetaryItemType	debit	instant	41,819	41,206
Accumulated DD&A	us-gaap_CapitalizedCostsAccumulatedDepreciationDepletionAmortizationAndValuationAllowanceForRelatingToOilAndGasProducingActivities	us-gaap_	xbri:monetaryItemType	credit	instant	(33,623)	(27,860)
Capitalized costs, net	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesNet	us-gaap_	xbri:monetaryItemType	debit	instant	8,196	13,346
United States	srt_StatementGeographicalAxis=country_US		na				
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration		
Proved properties	us-gaap_CapitalizedCostsProvedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	20,343	20,291
Unproved properties	us-gaap_CapitalizedCostsUnprovedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	348	509
Capitalized costs, gross	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesGross	us-gaap_	xbri:monetaryItemType	debit	instant	20,691	20,800
Accumulated DD&A	us-gaap_CapitalizedCostsAccumulatedDepreciationDepletionAmortizationAndValuationAllowanceForRelatingToOilAndGasProducingActivities	us-gaap_	xbri:monetaryItemType	credit	instant	(16,252)	(11,783)
Capitalized costs, net	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesNet	us-gaap_	xbri:monetaryItemType	debit	instant	4,439	9,017
Egypt	srt_StatementGeographicalAxis=country_EG		na				
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration		
Proved properties	us-gaap_CapitalizedCostsProvedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	12,069	11,614
Unproved properties	us-gaap_CapitalizedCostsUnprovedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	77	109
Capitalized costs, gross	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesGross	us-gaap_	xbri:monetaryItemType	debit	instant	12,146	11,723
Accumulated DD&A	us-gaap_CapitalizedCostsAccumulatedDepreciationDepletionAmortizationAndValuationAllowanceForRelatingToOilAndGasProducingActivities	us-gaap_	xbri:monetaryItemType	credit	instant	(10,290)	(9,377)
Capitalized costs, net	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesNet	us-gaap_	xbri:monetaryItemType	debit	instant	1,856	2,346
North Sea	srt_StatementGeographicalAxis=apa_NorthSeaMember		na				
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration		
Proved properties	us-gaap_CapitalizedCostsProvedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	8,805	8,635
Unproved properties	us-gaap_CapitalizedCostsUnprovedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	42	10
Capitalized costs, gross	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesGross	us-gaap_	xbri:monetaryItemType	debit	instant	8,847	8,645
Accumulated DD&A	us-gaap_CapitalizedCostsAccumulatedDepreciationDepletionAmortizationAndValuationAllowanceForRelatingToOilAndGasProducingActivities	us-gaap_	xbri:monetaryItemType	credit	instant	(7,081)	(6,700)
Capitalized costs, net	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesNet	us-gaap_	xbri:monetaryItemType	debit	instant	1,766	1,945
Other International	srt_StatementGeographicalAxis=apa_OtherInternationalMember		na				
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration		
Proved properties	us-gaap_CapitalizedCostsProvedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	0	0
Unproved properties	us-gaap_CapitalizedCostsUnprovedProperties	us-gaap_	xbri:monetaryItemType	debit	instant	135	38
Capitalized costs, gross	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesGross	us-gaap_	xbri:monetaryItemType	debit	instant	135	38
Accumulated DD&A	us-gaap_CapitalizedCostsAccumulatedDepreciationDepletionAmortizationAndValuationAllowanceForRelatingToOilAndGasProducingActivities	us-gaap_	xbri:monetaryItemType	credit	instant	0	0
Capitalized costs, net	us-gaap_CapitalizedCostsOilAndGasProducingActivitiesNet	us-gaap_	xbri:monetaryItemType	debit	instant	\$ 135	\$ 38

+ References + Details



## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Oil and Gas Reserve Information (Details)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Oil and Gas Reserve Information (Details) MBoe in Thousands	XBRL Details					12 Months Ended			
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020 MBoe MMcf	Dec. 31, 2019 MBoe MMcf	Dec. 31, 2018 MBoe MMbbls	Dec. 31, 2017 MBoe MMcf
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType	na	instant	797,843	892,816	1,081,316	1,023,663
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType	na	instant	75,840	117,972	153,081	151,323
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType	na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	1,010,788	1,234,397	1,174,986	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType	na	duration	78,303	176,366	302,509	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType	na	duration			331	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType	na	duration	(44,910)	(119,473)	(73,319)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType	na	duration	(160,945)	(172,948)	(170,051)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType	na	duration	(9,553)	(107,554)	(59)	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	873,683	1,010,788	1,234,397	
United States	srt_StatementGeographicalAxis=country_US		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType	na	instant	532,994	594,595	769,125	699,786
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType	na	instant	53,408	89,458	123,493	111,001
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType	na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	684,053	892,618	810,787	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType	na	duration	39,454	135,174	240,322	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType	na	duration			331	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType	na	duration	(33,854)	(133,974)	(63,451)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType	na	duration	(93,698)	(102,211)	(95,312)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType	na	duration	(9,553)	(107,554)	(59)	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	586,402	684,053	892,618	
Egypt	srt_StatementGeographicalAxis=country_EG		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType	na	instant	164,870	176,470	189,871	215,364
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType	na	instant	13,449	15,038	15,045	24,112
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType	na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	191,508	204,916	239,476	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType	na	duration	31,905	26,859	35,849	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType	na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType	na	duration	(502)	8,355	(16,007)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType	na	duration	(44,592)	(48,622)	(54,402)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType	na	duration	0	0	0	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	178,319	191,508	204,916	
North Sea	srt_StatementGeographicalAxis=apa_NorthSeaMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType	na	instant	99,979	121,751	122,320	108,513
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType	na	instant	8,983	13,476	14,543	16,210
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType	na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	135,227	136,863	124,723	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType	na	duration	6,944	14,333	26,338	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType	na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType	na	duration	(10,554)	6,146	6,139	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType	na	duration	(22,655)	(22,115)	(20,337)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType	na	duration	0	0	0	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType	na	instant	108,962	135,227	136,863	
Noncontrolling Interests   Egypt	us-gaap_StatementEquityComponentsAxis=us-gaap_NoncontrollingInterestMember		na						
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType	na	duration				
Proved developed reserves (Energy)   MBoe	srt_ProvedDevelopedReservesBOE1	srt_	num:energyItemType	na	instant	59	64	68	80
Crude Oil and Condensate	srt_ReserveQuantitiesByTypeOfReserveAxis=apa_CrudeOilAndCondensateMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType	na	instant	389,483	483,430	514,989	521,445
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType	na	instant	44,017	67,596	65,944	62,115
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType	na	duration				

Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	551,026	580,933	583,560	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	40,988	82,353	100,131	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			140	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration	(71,462)	(6,562)	(13,277)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration	(78,331)	(87,386)	(89,574)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration	(8,721)	(18,312)	(47)	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	433,500	551,026	580,933	
Crude Oil and Condensate   United States	srt_ReserveQuantitiesByTypeOfReserveAxis=apa_CrudeOilAndCondensateMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	206,936	278,145	300,484	304,279
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	25,516	46,716	45,182	31,904
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	324,861	345,666	336,183	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	17,858	52,297	61,976	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			140	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration	(69,247)	(16,446)	(14,334)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration	(32,299)	(38,344)	(38,252)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration	(8,721)	(18,312)	(47)	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	232,452	324,861	345,666	
Crude Oil and Condensate   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=apa_CrudeOilAndCondensateMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	95,981	103,573	110,014	124,568
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	11,228	10,831	9,484	16,198
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	114,404	119,498	140,766	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	17,855	21,039	22,473	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration	2,541	4,752	(9,556)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration	(27,591)	(30,885)	(34,185)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration	0	0	0	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	107,209	114,404	119,498	
Crude Oil and Condensate   North Sea	srt_ReserveQuantitiesByTypeOfReserveAxis=apa_CrudeOilAndCondensateMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	86,566	101,712	104,491	92,598
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	7,273	10,049	11,278	14,013
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	111,761	115,769	106,611	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	5,275	9,017	15,682	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration	(4,756)	5,132	10,613	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration	(18,441)	(18,157)	(17,137)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration	0	0	0	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	93,839	111,761	115,769	
Crude Oil and Condensate   Noncontrolling Interests   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=apa_CrudeOilAndCondensateMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	36,000	38,000	40,000	47,000
Natural Gas Liquids	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	153,368	161,778	200,014	173,715
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	15,587	24,319	34,487	29,951
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	186,097	234,501	203,666	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	11,844	42,067	62,578	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			40	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration	(412)	(31,716)	(10,038)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration	(28,118)	(25,933)	(21,740)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration	(456)	(32,822)	(5)	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	168,955	186,097	234,501	
Natural Gas Liquids   United States	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	150,599	158,794	197,574	171,005

Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	15,141	23,569	33,796	29,559
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	182,363	231,370	200,564	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	11,435	41,343	60,990	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			40	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration (469)		(32,569)	(9,250)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration (27,133)		(24,959)	(20,969)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration (456)		(32,822)	(5)	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	165,740	182,363	231,370	
Natural Gas Liquids   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	716	667	502	685
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	126	90	60	39
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	757	562	724	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration 97		27	144	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration 264		508	31	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration (276)		(340)	(337)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration 0		0	0	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	842	757	562	
Natural Gas Liquids   North Sea	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	2,053	2,317	1,938	2,025
Proved undeveloped reserves	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	320	660	631	353
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	2,977	2,569	2,378	
Extensions, discoveries and other additions	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration 312		697	1,444	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration (207)		345	(819)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration (709)		(634)	(434)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration 0		0	0	
Ending balance	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	2,373	2,977	2,569	
Natural Gas Liquids   Noncontrolling Interests   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasLiquidsReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	281	252	187	241
Natural Gas	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves   MMcf	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	1,529,950	1,485,649	2,197,882	1,971,018
Proved undeveloped reserves   MMcf	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	97,417	156,348	315,900	355,544
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	1,641,997	2,513,782	2,326,562	
Extensions, discoveries and other additions   MMcf	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration 152,823		311,674	838,803	
Purchases of minerals in-place   MMcf	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			906	
Revisions of previous estimates   MMcf	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration 161,776		(487,168)	(300,029)	
Production   MMcf	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration (326,974)		(357,771)	(352,419)	
Sales of minerals in-place   MMcf	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration (2,255)		(338,520)	(41)	
Ending balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	1,627,367	1,641,997	2,513,782	
Natural Gas   United States	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves   MMcf	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	1,052,756	945,938	1,626,403	1,347,009
Proved undeveloped reserves   MMcf	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	76,504	115,040	267,090	297,226
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	1,060,978	1,893,493	1,644,235	
Extensions, discoveries and other additions   MMcf	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration 60,965		249,205	704,135	
Purchases of minerals in-place   MMcf	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			906	
Revisions of previous estimates   MMcf	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration 215,166		(509,753)	(239,204)	
Production   MMcf	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration (205,594)		(233,447)	(216,538)	
Sales of minerals in-place   MMcf	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration (2,255)		(338,520)	(41)	

Ending balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	1,129,260	1,060,978	1,893,493	
Natural Gas   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves   MMcf	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	409,035	433,382	476,132	540,667
Proved undeveloped reserves   MMcf	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	12,572	24,704	33,006	47,255
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	458,086	509,138	587,922	
Extensions, discoveries and other additions   MMcf	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	83,718	34,758	79,394	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration	(19,849)	18,570	(38,892)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration	(100,348)	(104,380)	(119,286)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration	0	0	0	
Ending balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	421,607	458,086	509,138	
Natural Gas   North Sea	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves   MMcf	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	68,159	106,329	95,347	83,342
Proved undeveloped reserves   MMcf	srt_ProvedUndevelopedReserveVolume	srt_	num:volumeItemType na	instant	8,341	16,604	15,804	11,063
<b>Proved Developed and Undeveloped Reserves [Roll Forward]</b>	srt_ProvedDevelopedAndUndevelopedReserveEnergyRollForward	srt_	xbri:stringItemType na	duration				
Beginning balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	122,933	111,151	94,405	
Extensions, discoveries and other additions   MMcf	srt_ProvedDevelopedAndUndevelopedReservesExtensionsDiscoveriesAndAdditions	srt_	num:volumeItemType na	duration	8,140	27,711	55,274	
Purchases of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesPurchasesOfMineralsInPlace	srt_	num:volumeItemType na	duration			0	
Revisions of previous estimates	srt_ProvedDevelopedAndUndevelopedReservesRevisionsOfPreviousEstimatesIncreaseDecrease	srt_	num:volumeItemType na	duration	(33,541)	4,015	(21,933)	
Production	srt_ProvedDevelopedAndUndevelopedReservesProduction	srt_	num:volumeItemType na	duration	(21,032)	(19,944)	(16,595)	
Sales of minerals in-place	srt_ProvedDevelopedAndUndevelopedReservesSalesOfMineralsInPlace	srt_	num:volumeItemType na	duration	0	0	0	
Ending balance   MMcf	srt_ProvedDevelopedAndUndevelopedReservesNet	srt_	num:volumeItemType na	instant	76,500	122,933	111,151	
Natural Gas   Noncontrolling Interests   Egypt	srt_ReserveQuantitiesByTypeOfReserveAxis=srt_NaturalGasReservesMember		na					
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType na	duration				
Proved developed reserves   MMcf	srt_ProvedDevelopedReservesVolume	srt_	num:volumeItemType na	instant	141,000	153,000	170,000	196,000

+ References + Details

## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Additional Information (Details)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Additional Information (Details) - MBoe in Thousands	XBRL Details						12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration	78	176	303	
Revision of previous estimate	srt_ProvedDevelopedAndUndevelopedReserveRevisionOfPreviousEstimateEnergy	srt_	num:energyItemType	na	duration	(45)	(119)	(73)	
Percentage of estimated proved developed reserves classified as proved not producing	apa_PercentageOfEstimatedProvedDevelopedReservesClassifiedAsProvedNotProducing	apa_	num:percentItemType	na	duration	10.00%			
North America	srt_StatementGeographicalAxis=srt_NorthAmericaMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration	39	135	240	
Southern Midland Basin	srt_StatementGeographicalAxis=apa_SouthernMidlandBasinMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration	26			
International Regions	srt_StatementGeographicalAxis=apa_InternationalRegionsMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration	39	41	62	
Egypt	srt_StatementGeographicalAxis=country_EG		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration	32	27	36	
North Sea	srt_StatementGeographicalAxis=apa_NorthSeaMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration	7	14	26	
Eastern Shelf and Magnet Withers/Pickett Ridge	srt_StatementGeographicalAxis=apa_EasternShelfAndMagnetWithersPickettRidgeMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Sale of mineral in place	srt_ProvedDevelopedAndUndevelopedReservesSaleOfMineralInPlaceEnergy	srt_	num:energyItemType	na	duration	10			
Anadarko Basin	srt_StatementGeographicalAxis=apa_AnadarkoBasinMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Sale of mineral in place	srt_ProvedDevelopedAndUndevelopedReservesSaleOfMineralInPlaceEnergy	srt_	num:energyItemType	na	duration		107		
Premian Basin	srt_StatementGeographicalAxis=apa_PremianBasinMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration		129	217	
MidContinent Region	srt_StatementGeographicalAxis=apa_MidContinentRegionMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Addition from extensions, discoveries, and other additions	srt_ProvedDevelopedAndUndevelopedReserveExtensionAndDiscoveryEnergy	srt_	num:energyItemType	na	duration		6	20	
Changes in Product Prices	apa_ChangeInPetroleumReservesByTypeAxis=apa_ReservesAccountedOnProductPricesMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Revision of previous estimate	srt_ProvedDevelopedAndUndevelopedReserveRevisionOfPreviousEstimateEnergy	srt_	num:energyItemType	na	duration	(70)	(139)	(24)	
Changes in Engineering and Performance	apa_ChangeInPetroleumReservesByTypeAxis=apa_ReservesAccountedOnEngineeringAndPerformanceMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Revision of previous estimate	srt_ProvedDevelopedAndUndevelopedReserveRevisionOfPreviousEstimateEnergy	srt_	num:energyItemType	na	duration	27	20	(44)	
Interest Revisions	apa_ChangeInPetroleumReservesByTypeAxis=apa_ReservesAccountedOnInterestRevisionsMember		na						
<b>Reserve Quantities [Line Items]</b>	srt_ReserveQuantitiesLineItems	srt_	xbri:stringItemType	na	duration				
Revision of previous estimate	srt_ProvedDevelopedAndUndevelopedReserveRevisionOfPreviousEstimateEnergy	srt_	num:energyItemType	na	duration	(2)		(5)	

+ References + Details

## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Future Net Cash Flows (Details)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Future Net Cash Flows (Details) - USD (\$) \$ in Millions	XBRL Details					12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type	Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Discounted Future Net Cash Flows Relating to Proved Oil and Gas Reserves [Line Items]</b>	srt_DiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReservesLineItems	srt_	xbri:stringItemType	na	duration			
Cash inflows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesCashInflows	srt_	xbri:monetaryItemType	debit	instant	\$ 22,219	\$ 37,454	\$ 48,978
Production costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesProductionCosts	srt_	xbri:monetaryItemType	credit	instant	(10,336)	(15,219)	(18,086)
Development costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesDevelopmentCosts	srt_	xbri:monetaryItemType	credit	instant	(4,636)	(5,098)	(5,656)
Income tax expense	apa_FutureNetCashFlowsRelatingToProvedOilAndGasReservesIncomeTaxExpenseBenefit	apa_	xbri:monetaryItemType	credit	instant	(780)	(2,741)	(3,826)
Net cash flows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesNetCashFlows	srt_	xbri:monetaryItemType	debit	instant	6,467	14,396	21,410
10 percent discount rate	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesTenPercentAnnualDiscountForEstimatedTimingOfCashFlows	srt_	xbri:monetaryItemType	credit	instant	(1,155)	(4,514)	(7,689)
Discounted future net cash flows	srt_StandardizedMeasureOfDiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReserves	srt_	xbri:monetaryItemType	debit	instant	\$ 5,312	9,882	13,721
Estimated future net cash flow before income tax expenses	apa_DiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReserves	apa_	num:percentItemType	na	duration	10.00%		
Total estimated future net cash flows before income tax expense discounted at 10 percent per annum	apa_DiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReservesFutureCashInflowsBeforeTax	apa_	xbri:monetaryItemType	debit	duration	\$ 7,100	12,400	16,900
United States	srt_StatementGeographicalAxis=country_US		na					
<b>Discounted Future Net Cash Flows Relating to Proved Oil and Gas Reserves [Line Items]</b>	srt_DiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReservesLineItems	srt_	xbri:stringItemType	na	duration			
Cash inflows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesCashInflows	srt_	xbri:monetaryItemType	debit	instant	12,537	21,694	29,906
Production costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesProductionCosts	srt_	xbri:monetaryItemType	credit	instant	(6,244)	(10,642)	(13,699)
Development costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesDevelopmentCosts	srt_	xbri:monetaryItemType	credit	instant	(1,555)	(1,740)	(2,150)
Income tax expense	apa_FutureNetCashFlowsRelatingToProvedOilAndGasReservesIncomeTaxExpenseBenefit	apa_	xbri:monetaryItemType	credit	instant	0	(27)	(19)
Net cash flows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesNetCashFlows	srt_	xbri:monetaryItemType	debit	instant	4,738	9,285	14,038
10 percent discount rate	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesTenPercentAnnualDiscountForEstimatedTimingOfCashFlows	srt_	xbri:monetaryItemType	credit	instant	(1,829)	(4,003)	(6,516)
Discounted future net cash flows	srt_StandardizedMeasureOfDiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReserves	srt_	xbri:monetaryItemType	debit	instant	2,909	5,282	7,522
Egypt	srt_StatementGeographicalAxis=country_EG		na					
<b>Discounted Future Net Cash Flows Relating to Proved Oil and Gas Reserves [Line Items]</b>	srt_DiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReservesLineItems	srt_	xbri:stringItemType	na	duration			
Cash inflows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesCashInflows	srt_	xbri:monetaryItemType	debit	instant	5,560	8,306	9,866
Production costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesProductionCosts	srt_	xbri:monetaryItemType	credit	instant	(1,704)	(1,847)	(1,799)
Development costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesDevelopmentCosts	srt_	xbri:monetaryItemType	credit	instant	(633)	(707)	(792)
Income tax expense	apa_FutureNetCashFlowsRelatingToProvedOilAndGasReservesIncomeTaxExpenseBenefit	apa_	xbri:monetaryItemType	credit	instant	(1,096)	(1,930)	(2,455)
Net cash flows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesNetCashFlows	srt_	xbri:monetaryItemType	debit	instant	2,127	3,822	4,820
10 percent discount rate	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesTenPercentAnnualDiscountForEstimatedTimingOfCashFlows	srt_	xbri:monetaryItemType	credit	instant	(437)	(808)	(1,066)
Discounted future net cash flows	srt_StandardizedMeasureOfDiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReserves	srt_	xbri:monetaryItemType	debit	instant	1,690	3,014	3,754
Egypt   Noncontrolling Interests	srt_StatementGeographicalAxis=country_EG		na					
<b>Discounted Future Net Cash Flows Relating to Proved Oil and Gas Reserves [Line Items]</b>	srt_DiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReservesLineItems	srt_	xbri:stringItemType	na	duration			
Discounted future net cash flows	srt_StandardizedMeasureOfDiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReserves	srt_	xbri:monetaryItemType	debit	instant	563	1,000	1,300
North Sea	srt_StatementGeographicalAxis=apa_NorthSeaMember		na					
<b>Discounted Future Net Cash Flows Relating to Proved Oil and Gas Reserves [Line Items]</b>	srt_DiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReservesLineItems	srt_	xbri:stringItemType	na	duration			
Cash inflows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesCashInflows	srt_	xbri:monetaryItemType	debit	instant	4,122	7,454	9,206
Production costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesProductionCosts	srt_	xbri:monetaryItemType	credit	instant	(2,388)	(2,730)	(2,588)
Development costs	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesDevelopmentCosts	srt_	xbri:monetaryItemType	credit	instant	(2,448)	(2,651)	(2,714)
Income tax expense	apa_FutureNetCashFlowsRelatingToProvedOilAndGasReservesIncomeTaxExpenseBenefit	apa_	xbri:monetaryItemType	credit	instant	316	(784)	(1,352)
Net cash flows	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesNetCashFlows	srt_	xbri:monetaryItemType	debit	instant	(398)	1,289	2,552
10 percent discount rate	srt_FutureNetCashFlowsRelatingToProvedOilAndGasReservesTenPercentAnnualDiscountForEstimatedTimingOfCashFlows	srt_	xbri:monetaryItemType	credit	instant	1,111	297	(107)
Discounted future net cash flows	srt_StandardizedMeasureOfDiscountedFutureNetCashFlowsRelatingToProvedOilAndGasReserves	srt_	xbri:monetaryItemType	debit	instant	\$ 713	\$ 1,586	\$ 2,445

+ References + Details



## Cover - SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Principal Sources of Change In Discounted Future Net Cash Flows (Details)

SUPPLEMENTAL OIL AND GAS DISCLOSURES (Unaudited) - Principal Sources of Change In Discounted Future Net Cash Flows (Details) - USD (\$) \$ in Millions	XBRL Details						12 Months Ended		
	XBRL Tag Name	XBRL Prefix	Data Type	Balance Type	Period Type		Dec. 31, 2020	Dec. 31, 2019	Dec. 31, 2018
<b>Extractive Industries [Abstract]</b>	srt_ExtractiveIndustriesAbstract	srt_	xbri:stringItemType	na	duration				
Sales, net of production costs	srt_SalesAndTransfersOfOilAndGasProducedNetOfProductionCosts	srt_	xbri:monetaryItemType credit		duration	\$	(2,422)	\$ (4,291)	\$ (5,335)
Net change in prices and production costs	srt_NetIncreaseDecreaseInSalesAndTransferPricesAndProductionCosts	srt_	xbri:monetaryItemType debit		duration		(5,753)	(3,034)	3,902
Discoveries and improved recovery, net of related costs	srt_ExtensionsDiscoveriesAdditionsAndImprovedRecoveryLessRelatedCosts	srt_	xbri:monetaryItemType debit		duration	751	2,042	3,889	
Change in future development costs	srt_IncreaseDecreaseInEstimatedFutureDevelopmentCosts	srt_	xbri:monetaryItemType debit		duration	20	(75)	47	
Previously estimated development costs incurred during the period	srt_PreviouslyEstimatedDevelopmentCostsIncurred	srt_	xbri:monetaryItemType debit		duration	576	983	910	
Revision of quantities	srt_RevisionsOfPreviousQuantityEstimates	srt_	xbri:monetaryItemType debit		duration	(418)	(741)	(648)	
Purchases of minerals in-place	srt_IncreaseDueToPurchasesOfMineralsInPlace	srt_	xbri:monetaryItemType debit		duration	0	0	6	
Accretion of discount	srt_StandardizedMeasureOfDiscountedFutureNetCashFlowRelatingToProvedOilAndGasReservesAccretionOfDiscount	srt_	xbri:monetaryItemType credit		duration	1,236	1,693	1,216	
Change in income taxes	srt_IncreaseDecreaseInFutureIncomeTaxExpenseEstimatesOnFutureCashFlowsRelatedToProvedOilAndGasReserves	srt_	xbri:monetaryItemType debit		duration	1,533	720	(1,125)	
Sales of minerals in-place	srt_DecreaseDueToSalesOfMineralsInPlace	srt_	xbri:monetaryItemType credit		duration	(104)	(817)	(1)	
Change in production rates and other	apa_NetIncreaseDecreaseInProductionRatesAndOther	apa_	xbri:monetaryItemType debit		duration	11	(319)	777	
Change in the discounted future net cash flows, Total	srt_StandardizedMeasureOfDiscountedFutureNetCashFlowOfProvedOilAndGasReservesPeriodIncreaseDecrease	srt_	xbri:monetaryItemType na		duration	\$	(4,570)	\$ (3,839)	\$ 3,638

+ References + Details